VELKYNE

USER GUIDE

ERGONOMIC TYRE REMOVAL PLIERS

A clip that grabs the bead and a 220 mm lever arm that does the work: the tyre comes over the rim without forcing, one-handed, without pinching the tube or marking the rim.

REF. PINCEPNEUBLCK · ROAD, MTB, E-BIKE · TOUGH PLASTIC, 220 × 45 MM



01 · GETTING STARTED

REMOVING A TYRE

Before you start

- Wheel off the bike, **tyre fully deflated**: on a Presta valve, tip nut open and core pressed until it goes quiet.
- On a tubeless tyre, keep a rag handy: sealant will run out as the bead comes off.
- Note the rotation direction and the valve position if you plan to refit the same tyre.

Removal, step by step

1. **Break the beads loose.** Squeeze the tyre with both hands and push both beads towards the centre of the rim, all the way round. That is where, in the rim well, you gain the slack that makes removal easy.
2. **Hook the clip under the bead,** opposite the valve. The tip slides between rim and tyre, the clip catches the bead.
3. **Tilt the handle.** The lever arm lifts the bead over the rim edge, with no strain on your thumbs.
4. **Slide along or repeat** a few centimetres further. Once 20 to 30 cm of bead is out, the rest comes off by hand as you work round.
5. **Take out the tube,** valve last, or pour out the sealant. Run your hand inside the tyre to find the thorn or flint before refitting anything.

Specifications

Use	**Bike tyre removal**	Material	**Tough plastic**
Length	**≈ 220 mm**	Width	**≈ 45 mm**
Compatibility	**Road, MTB, e-bike, light motorcycle**	Handle	**Non-slip**

RULES

- **Never on an inflated tyre**, even slightly: the bead resists and the pliers can slip.
- The tip stays **between rim and tyre**: do not hook it under the inner tube, it will pinch.
- The plastic does not mark a carbon or painted rim, as long as you do not lever on the rim edge with the body of the pliers.

THE SECRET IS SLACK

A tyre that "will not come off" is almost always one whose beads are still sitting on the rim shoulders. Take thirty seconds to push them into the centre, all the way round: the pliers then do the rest.

02 · DAY TO DAY

REFITTING, CARE, TROUBLESHOOTING

Refitting the tyre, by hand

1. **First bead into the rim,** following the rotation arrow on the sidewall. Push it into the centre of the well.
2. **Tube slightly inflated,** valve first, then the rest of the tube inside the tyre, without twists. Tubeless: skip this step.
3. **Second bead, starting at the valve,** with both hands, working each side, keeping the bead already fitted in the centre of the rim.
4. **Finish opposite the valve,** with the palm or by rolling the tyre with your thumbs. A little soapy water on the bead helps a tight tubeless tyre. Avoid a lever for this last section if you can: that is where tubes get pinched.
5. **Check all the way round** before inflating: no tube showing under the bead anywhere, and an even sidewall line on both sides.

Caring for the pliers

Rinse off sealant with water, wipe, store dry. Check the pivot of the two arms now and then: it must move freely. A chipped tip can mark a rim: set the pliers aside.

IF SOMETHING GOES WRONG

- **The clip will not catch**: the bead is still on the rim shoulder. Go back to step 1, all the way round, then try again opposite the valve.
- **The pliers slip**: the tip is not far enough under the bead, or the tyre is not fully deflated.
- **Tubeless tyre stuck**: dried sealant sometimes welds the bead to the rim bed. Press the sidewall with the heel of your hand, rim on the floor, to break the bead loose before using the pliers.
- **Pinched tube** on refitting: the lever went under the tube. Remove, check the tube, refit by hand.



Clip hooked under the bead: tilting the handle brings the bead over the rim edge.

On video

Independent tutorials, scan to watch.

Remove a difficult tight bicycle tire: tips
Tony Marchand · English

How to remove a tight tire the easy way
Bananas and Bass · English

Need help?

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Our team answers your questions about use and compatibility.