VELKYNE

USER GUIDE

REAR DERAILLEUR GUARD

Hoop in 5 mm metal tube, 85 g, that bolts to the derailleur hanger with the existing bolt and stands between the derailleur and the ground, the rocks or the bike next to it. This guide covers fitting, checks and troubleshooting.

REF. POTEGDERAILLNOIRMETAL · MTB, ROAD, GRAVEL, TOURING · 5 MM METAL TUBE, ≈ 85 G



01 · GETTING STARTED

CONTENTS, COMPATIBILITY, FITTING

What it does

- **It keeps the derailleur off the ground** in a fall or a side impact, and stops it hooking a rock or a root.
- **It lowers the risk** of a bent derailleur, a bent hanger and the chain drop that follows: a derailleur in the spokes often means a wheel and a hanger to replace.
- **It earns its place wherever the bike falls or travels**: MTB, enduro, downhill, gravel, bikepacking, a bike in a hold, on a train or lying in a car boot.

Fitting the guard

1. **Shift to the smallest sprocket,** then remove the rear wheel: the derailleur mounting bolt becomes accessible.
2. **Undo the bolt holding the derailleur to the hanger** (hex key, usually 5 mm). Support the derailleur, chain in place: it must not hang by its cable.
3. **Hold the guard's drilled tab against the hanger,** put the derailleur back over it and start the bolt by hand: the tab sits between the hanger and the derailleur.
4. **Aim the hoop** so it wraps the derailleur, downwards and outwards, without touching it, then tighten the bolt to the torque given by the derailleur maker.
5. **Refit the wheel and run through every gear at a standstill,** turning the cranks: the guard must not brush the cassette, the spokes or the derailleur on the largest sprocket.

Specifications

Compatibility	**MTB, road, gravel**	Mounting	**Hanger, derailleur bolt**
Material	**5 mm metal tube**	Weight	**≈ 85 g**
Small hoop	**H 6 cm, depth 4 cm**	Large hoop	**11.5 × 5.4 cm**

BEFORE FITTING

- You need a **conventional derailleur hanger**, drilled for the derailleur bolt. On a frame with an unusual hanger, dry-fit before tightening.
- The tab moves the derailleur slightly away from the hanger: the bolt must still engage **its full thread**. If it barely bites, do not ride like that.
- A guard that touches the cassette or the derailleur in any gear is badly aimed: repeat step 4.

TWO HOOPS

The guard comes as a small hoop, for the top of the derailleur, and a large one, for the bottom, each with its own drilled tab. They fit the same way, on the same bolt.

02 · DAY TO DAY

CHECKS, CARE, TROUBLESHOOTING

After fitting

- **Re-check the bolt** after the first ride, then now and then: vibration loosens anything fitted without threadlocker.
- **Check the indexing.** The tab shifts the derailleur by a few tenths of a millimetre; if a gear hesitates, a quarter turn on the cable barrel adjuster is usually enough.
- **After every fall or knock**, look at the guard: if it is bent towards the wheel, straighten it or remove it before riding on, and check that the hanger is still straight.

Why it protects

The rear derailleur is the most exposed part of the bike: it sticks out from the frame at rock height, and it is the first thing to hit the ground when the bike falls on its right side. The hoop takes the blow instead and spreads it over the hanger, rather than letting it twist the cage or the parallelogram.

Care

A rinse with water is enough. A scratch in the black paint is touched up with a marker or touch-up lacquer, to keep bare metal from corroding. A guard badly deformed by a big hit has done its job: replace it.

IF SOMETHING GOES WRONG

- **It rubs on the largest sprocket or the spokes**: the guard is turned too far inwards. Loosen, aim it outwards, retighten.
- **The bolt no longer tightens firmly**: not enough thread, or damaged thread. Do not force it, remove the guard and contact us.
- **Rattling**: loose bolt, or a hoop touching the derailleur in one gear. Redo the tightening and run through every gear again.
- **Gears out of step since fitting**: adjust cable tension at the barrel, then the limit screws if needed.



The hoop in place on the hanger: it wraps the derailleur without touching it and takes the hits in its place.

WHEN TRAVELLING

In a hold, on a train or in a car, the guard shields the derailleur from side knocks, not from a load resting on it: store the bike drivetrain side up, and shift to the smallest sprocket to relax the spring.

Need help?

velkyne.com/contact

Our team answers your questions about fitting and compatibility.