

**User's manual for
CORIMA composite
cork brake pads (red)**



User's manual for CORIMA composite cork brake pads (red)

BRAKING

- Check that the cables of your bike, handbike or athletics wheelchair are in good condition and operate perfectly (see manufacturer's instructions).
- Check that the mandatory CORIMA brake pads, are in good condition and operate perfectly.

- Make sure that the brake pads are properly adjusted on the rims to avoid damaging the rim.
- Regularly check the wear status of the pads and replace them when they are worn.
- In rainy weather or on wet roads, braking distances are increased. Remember this and time your braking accordingly!

- When using aerodynamic handlebar extensions or time-trial bars remember to allow for the extra time needed to operate the braking.

To enjoy the exceptional characteristics of your CORIMA wheel for as long as possible, we recommend you to **strictly observe the following precautions for use:**

- The resin used to the manufacture the rim and more particularly the part on which the tire is set on, resists under load at a high temperature (180°C), **the tire pressure must be correct for the section of the tire, see chapter 4 CORIMA user's manual on line.**

- The user must master the two phenomena, which can damage the geometry of the rim, especially its braking surface:
 - **avoid tire pressures**, higher than those recommended,
 - **avoid excessively long or repeated brakings** which would subject the rim to temperatures higher than that indicated above.

The characteristic damages caused by either one, or a combination the two phenomena above, are not the result of a hidden fault in the manufacture of the product and therefore does not justify a replacement of the wheel under warranty.

Concerning the wearing status of the rims, have a check performed once a year.

CORIMA will assess the degree of wear and can advise you on the reliability level of the rims.



WARNING

To ensure smooth and precise braking and also to avoid premature wear of the rims, the use of CORIMA BRAKE PADS is mandatory with CORIMA wheels.

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Red composite cork brake pads

The use of CORIMA brake pads is mandatory with the whole range of CORIMA wheels, except for disc brakes.

Specifically designed for braking on carbon composites, the CORIMA composite brake pad is the result of tests carried out in laboratories and by cyclists in conditions of extreme braking with good results for the essential parameters that are:

- The efficiency of braking: in the wet and the dry, this pad allows cyclists to be safe with progressive and controlled braking.
- Temperature resistance: this brake pad is resistant to heat and reduces the risk of wheel seizure.
- Wear resistance: this brake pad has longer life thanks to the selection of appropriate materials.
- Noise: elimination of noise associated with braking. However, the contact of new CORIMA brake pads on a new rim can cause noise when braking. This noise will diminish after a running-in period.

The composite CORIMA brake pad combines performance and using comfort.

Ref: 270010 Blister of 4 CORIMA brake pads for Shimano®/Sram® brake pad holders

Ref: 270012 Blister of 4 CORIMA brake pads for Shimano® Direct Mount brake pad holders

Ref: 270011 Blister of 4 CORIMA brake pads for Campagnolo® brake pad holders

See Diagram 1

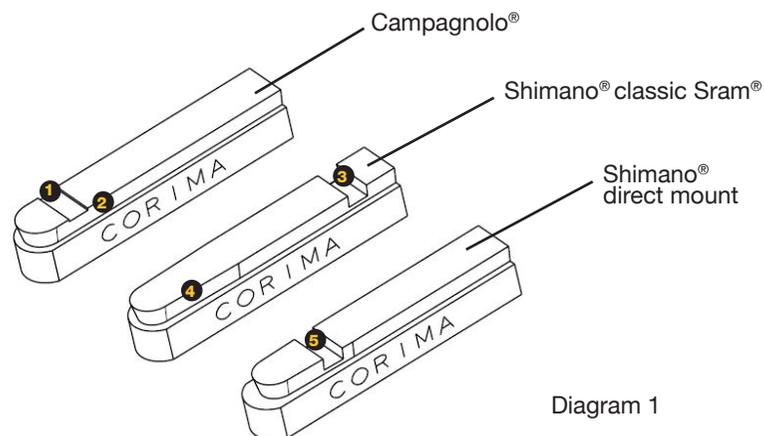


Diagram 1

Replacing brake pads

- Remove the pad locking screws, if any.
- Remove the worn brake pad by sliding it out of the holder by the open (rear) end.
- Install the new brake pad by sliding it into the holder from the rear (open part) towards the front until it bottoms against the closed end.
- Tighten all screws according to the tightening torque recommended by the brake manufacturer.
- Adjust the brake pad so that it is parallel to the braking surface of the rim

(Diagram 2)

- Make sure that the brake pad is aligned at least 1 mm from the top of the rim **(Diagram 2)**.

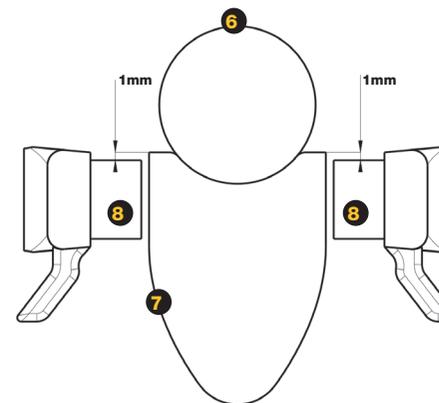


Diagram 2

- 1 A shallow groove at the rounded end
- 2 Surface with an even width
- 3 A deep groove at the straight end
- 4 Tapered surface
- 5 A deep groove at the rounded end
- 6 Clincher tire or tubular tire
- 7 Carbon rim
- 8 Brake pads
- 9 Wear limit

CORIMA

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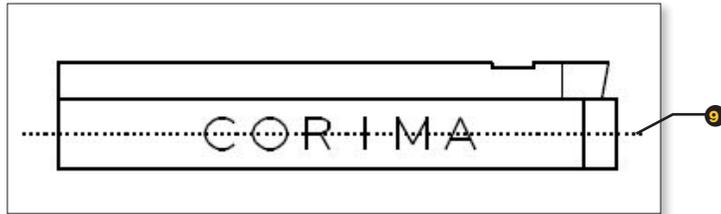


Diagram 3

9 Wear Limit

- Before each ride, check the wear status of the brake pads and replace them when the wear limit shown in **diagram 3** is reached.
- Check the condition of your brake pads to make sure that they do not contain any foreign matter (gravel, pieces of metal, etc.) that could damage the rim.
- Remove any traces of oil or grease on the braking surfaces of your rim.
Never lubricate brake pads.
- **Cleaning brake pads: These brake pads need regular maintenance. To remove glazing on your CORIMA brake pads, clean them regularly with a sand paper.**
- Check the degree of wear of the braking surfaces of your rim regularly. If they are worn or damaged, return the wheel to CORIMA for inspection.

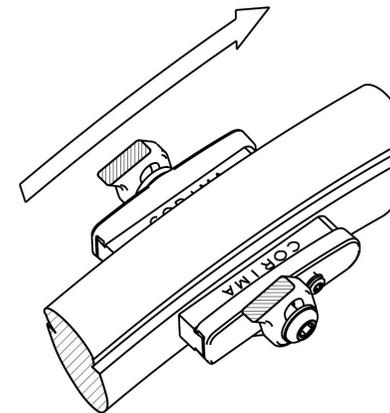


Diagram 4

WARNING

Always check that the closed part of the brake pad holder is positioned towards the front, in the direction of travel. Incorrect mounting of the brake pad holder can cause the brake pad to come out of the holder. It will then be impossible to brake (diagram 4).