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ROCKBROS K203

ROCKBROS K203 Mountain Bike Pedals Instruction Manual

Model: K203

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1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your ROCKBROS K203 Mountain Bike Pedals. These pedals are designed for various cycling activities, offering a lightweight and durable aluminum construction with sealed bearings for enhanced performance.



Figure 1: ROCKBROS K203 Mountain Bike Pedals in use.

2. SETUP AND INSTALLATION

Proper installation ensures optimal performance and safety. Follow these steps to install your pedals:

1. **Identify Left and Right Pedals:** Each pedal is marked with 'L' for left and 'R' for right. The left pedal (L) should be installed on the left crank arm, and the right pedal (R) on the right crank arm.



Figure 2: Left (L) and Right (R) pedal markings.

2. **Thread Size:** These pedals feature an international standard 9/16 inch screw thread, compatible with most BMX, MTB, Mountain, Hybrid, Road, and Urban bikes.

3. **Installation:**

- Apply a small amount of grease to the pedal threads.
- Insert the 'L' pedal into the left crank arm and turn counter-clockwise to tighten.
- Insert the 'R' pedal into the right crank arm and turn clockwise to tighten.
- Use an appropriate pedal wrench or Allen key to securely tighten the pedals. Do not overtighten.

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Video 1: Official ROCKBROS video demonstrating the installation and features of the aluminum bike pedals.

3. OPERATING YOUR PEDALS

The ROCKBROS K203 pedals are designed for a secure and comfortable riding experience:

- **Wide Platform:** The 101mm wide platform supports your foot evenly, enhancing comfort during rides. It is suitable for most shoe sizes up to US 12.



Figure 3: Pedal width for enhanced foot support.

- **Superior Grip:** Stainless steel anti-skid spikes on each side of the pedal provide excellent grip, preventing your shoes from slipping off, even on challenging terrain.
- **Lightweight Design:** Weighing approximately 0.66 lbs (302g) per pair, these pedals contribute to a lighter bike setup without compromising durability.

4. MAINTENANCE

Regular maintenance will prolong the life and performance of your pedals:

- **Sealed Bearings:** The sealed bearing design protects the spindles from water and dust, ensuring smooth operation.



Sealed Bearing

(Commuter Edition)

Figure 4: Sealed bearing system for protection against elements.

- **Durable Spindle:** The chrome-molybdenum steel spindle offers superior strength and load-bearing performance. A carbon fiber bushing further enhances durability and corrosion resistance, keeping the pedals spinning smoothly and quietly.
- **Waterproof Design:** The pedals are designed to resist water ingress, further protected by a gasket to prevent water, dust, or sand from entering the bearings and causing noise.

Waterproof Aluminum Bike Pedals

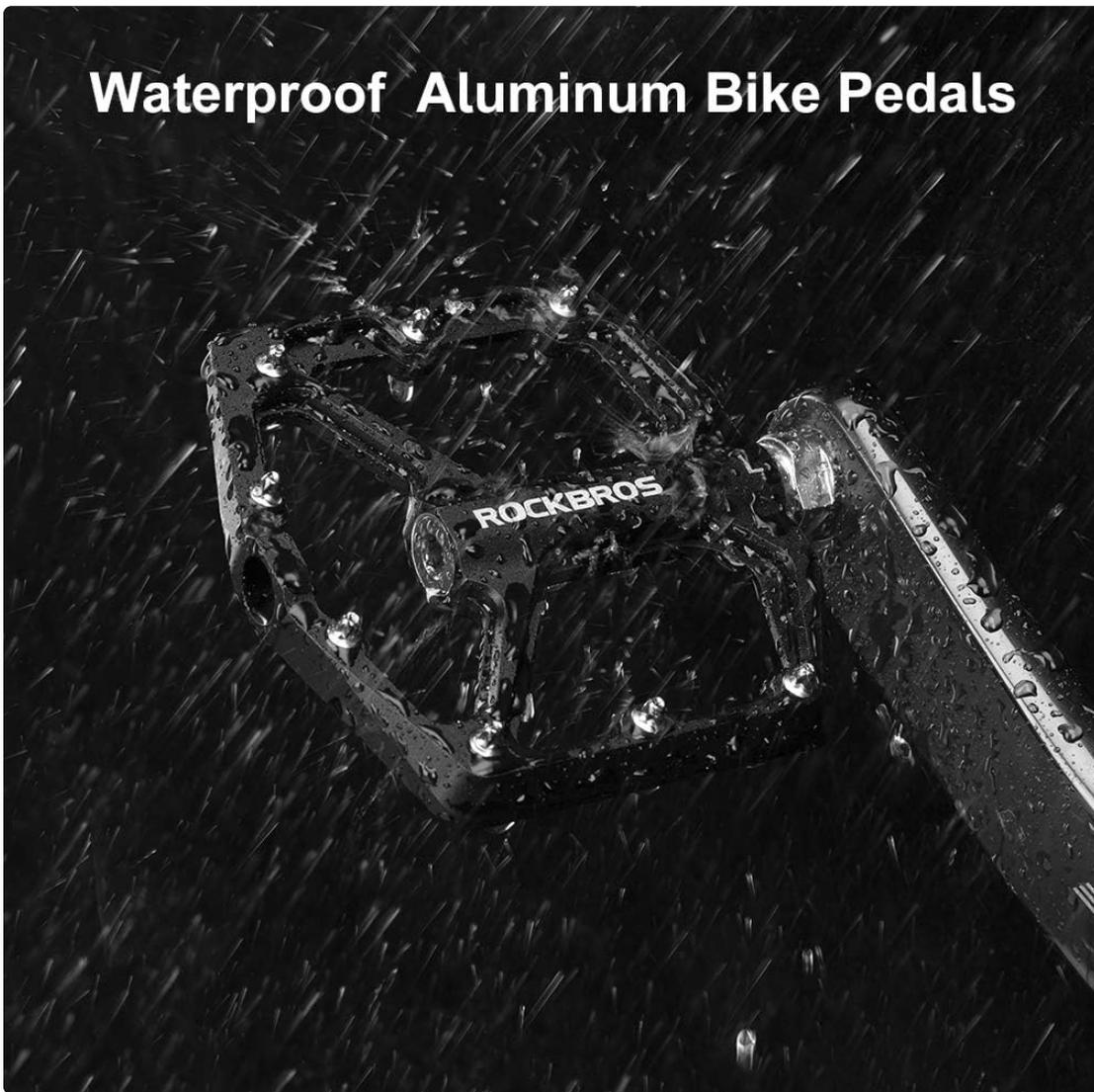


Figure 5: Waterproof design protecting internal components.

- **Pin Inspection:** Periodically check the anti-skid pins for tightness and wear. Replace any damaged or missing pins to maintain optimal grip.

5. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Pedals feel stiff or do not spin freely:**

This can sometimes occur with new sealed bearings. Continue using the pedals, and they should loosen up over time. Ensure pedals are installed correctly and not overtightened, which can compress bearings. If the issue persists, check for any debris around the spindle or contact support.

- **Foot slipping off pedals:**

Ensure your shoe soles are clean and free of mud or debris. Check the anti-skid pins for wear or damage; replace them if necessary. For aggressive riding, consider shoes with a flatter, grippier sole designed for flat pedals.

- **Unusual noises from pedals:**

Check that the pedals are securely tightened to the crank arms. Loose pedals can cause creaking or clicking sounds. The sealed bearings and gasket design minimize noise, but if persistent, inspect for internal damage or debris and contact support.

6. SPECIFICATIONS

Feature	Detail
Brand	ROCKBROS
Model Name	K203
Color	Black
Material	Aluminum
Product Dimensions (LxW)	4.7"L x 3.92"W (12cm x 9.95cm)
Item Weight	0.68 Pounds (302g per pair)
Thread Size	9/16 inch
Bearings	Sealed Bearings with Carbon Fiber Bushing
Anti-Skid Pins	Stainless Steel

LIGHTWEIGHT WIDE PEDALS

Only 302g/pair-0.66lbs

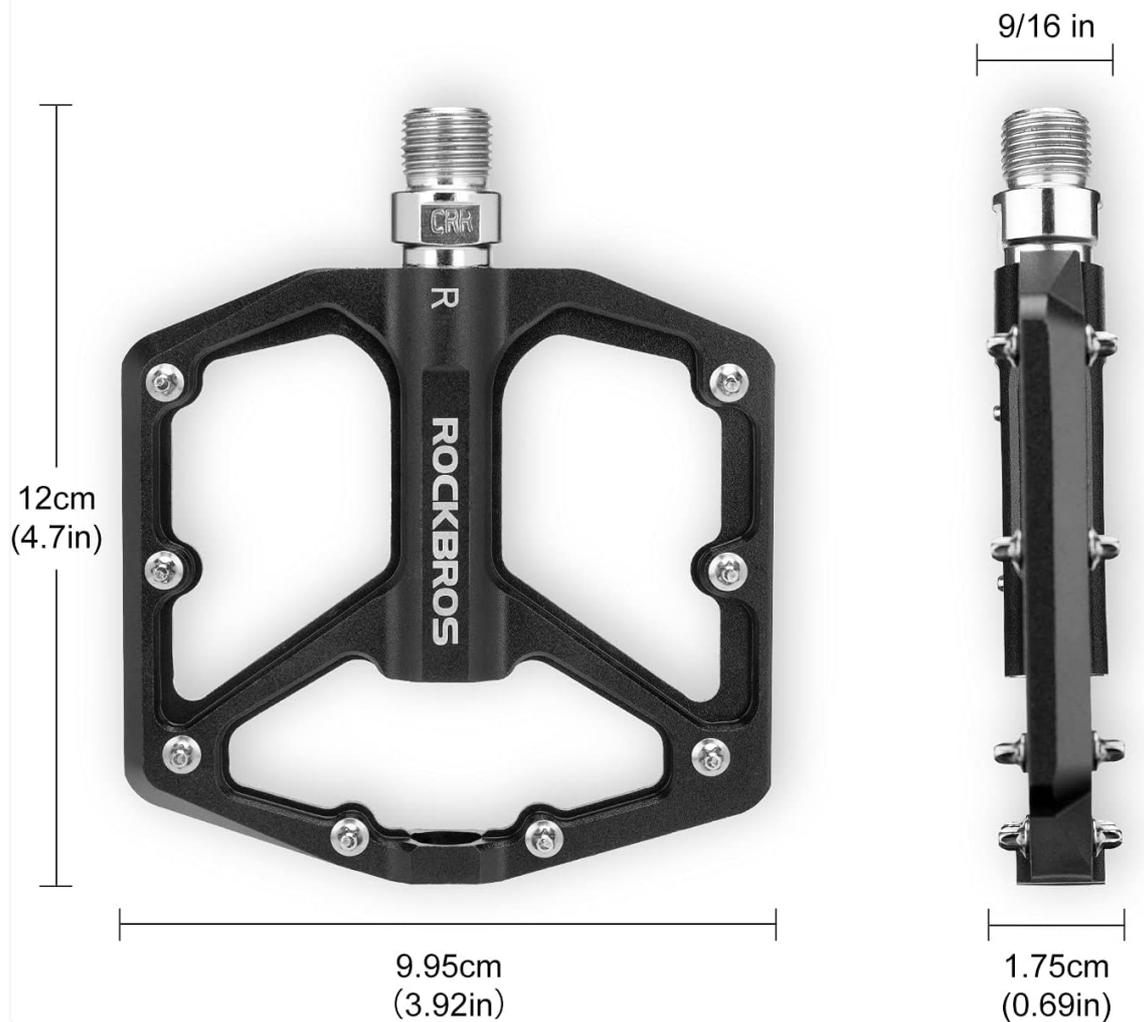


Figure 6: Detailed dimensions of the ROCKBROS K203 pedals.

7. WARRANTY & SUPPORT

Warranty: The product comes with a 1-year warranty. ROCKBROS offers a full money-back guarantee if the product does not meet expectations. Your satisfaction is their highest priority.

Support: For any questions, issues, or warranty claims, please contact ROCKBROS customer service directly. Refer to the product packaging or the official ROCKBROS website for contact information.