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› ROCKBROS SKN 20-Inch Folding Bike User Manual

ROCKBROS SKN

ROCKBROS SKN 20-Inch Folding Bike User Manual

Model: SKN

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1. INTRODUCTION

Thank you for choosing the ROCKBROS SKN 20-Inch Folding Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your bicycle. Please read it thoroughly before your first ride and keep it for future reference.

The ROCKBROS SKN folding bike is designed for portability and convenience, featuring a lightweight high-carbon steel frame and a reliable Shimano 7-speed drivetrain. Its compact folding design makes it ideal for urban commuting and easy storage.



Image: A man stands with the ROCKBROS SKN folding bike on a city street, showcasing its compact design and readiness for use.

2. SAFETY INFORMATION

Always prioritize safety when operating your bicycle. Failure to follow these guidelines may result in injury or damage to the bike.

- **Helmet Use:** Always wear a certified bicycle helmet when riding.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires, steering, and quick-release levers to ensure they are secure and functioning correctly.
- **Tire Pressure:** Maintain correct tire pressure as indicated on the tire sidewall.
- **Braking:** Familiarize yourself with the mechanical cable disc brakes. Practice braking in a safe area before riding in traffic.
- **Rider Limits:** This bike is suitable for riders 4'7" - 6'1" tall and supports a maximum weight of 220 pounds. Do not exceed these limits.
- **Visibility:** Use lights and reflectors, especially when riding in low-light conditions.

- **Traffic Laws:** Obey all local traffic laws and regulations.



FOLDABLE DESIGN

Quick Fold, Enable Riders and Tourists to Easily Store and Use In The City



Folding Pedals



Frame Folding Latch



Enlarged Folding Latch

Image: Visual representation of the bike's dimensions and recommended rider specifications, including height (4'7"-6'1") and maximum weight (220 lbs).

3. SETUP AND ASSEMBLY

Your ROCKBROS SKN folding bike arrives 98% factory-assembled. The following steps detail the final assembly and initial adjustments required before your first ride.

3.1 Handlebar Adjustment

The handlebar angle may need adjustment for optimal comfort and control. Use a 6mm hex key to loosen the handlebar bolt, adjust to your preferred angle, and then retighten securely, ensuring the angle does not shift.

Your browser does not support the video tag.

Video: This video demonstrates how to adjust the handlebar angle using a 6mm hex key and how to properly retighten the bolt.

3.2 Accessory Installation

Install any included accessories such as the front basket hook, bell, and front reflector using the provided tools and hardware. Ensure all components are securely fastened.



Image: A detailed guide illustrating the installation of the front basket hook, bell, front reflector, and how to secure cargo straps on the rear rack.

3.3 Seat Post Adjustment

Adjust the seat post height to ensure a comfortable and efficient riding position. The seat post should be adjusted so that your leg has a slight bend at the knee when the pedal is at its lowest point.

4. OPERATING INSTRUCTIONS

4.1 Folding and Unfolding the Bike

The ROCKBROS SKN is designed for quick and easy folding. Follow these steps to fold and unfold your bike for transport or storage.

Your browser does not support the video tag.

Video: This video provides a step-by-step demonstration of how to fold and unfold the ROCKBROS SKN 20-Inch Folding Bike.



Image: Detailed views of the folding mechanisms, including folding pedals and the frame latch, highlighting the bike's foldable design.

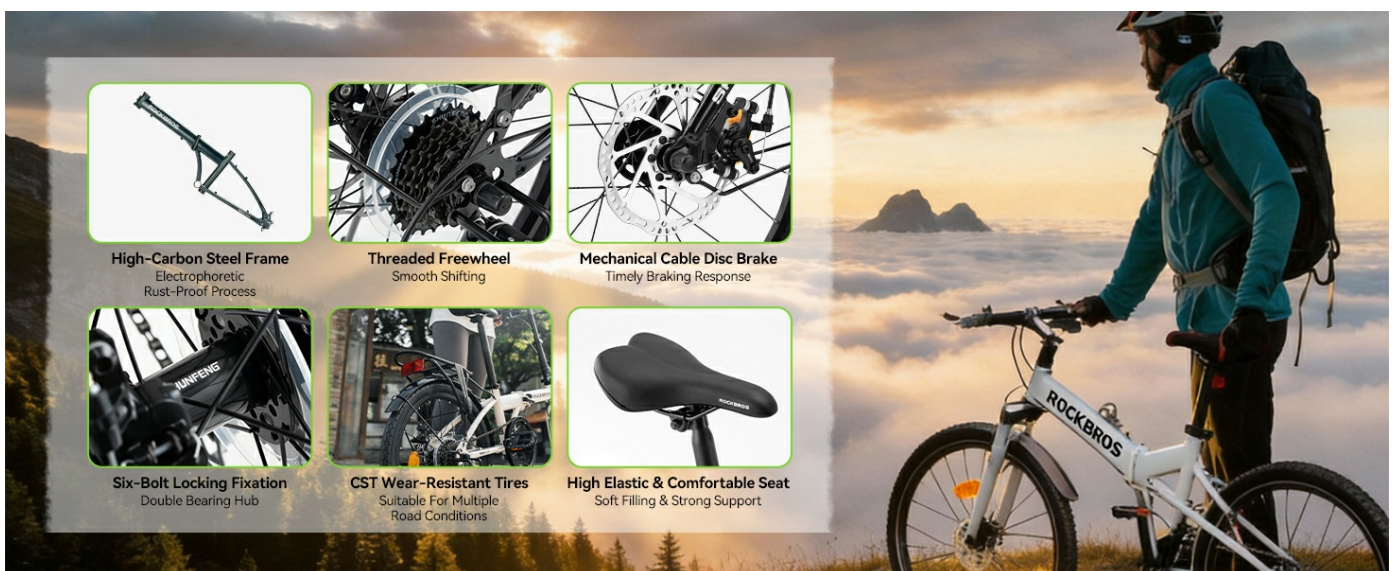


Image: The folded bike easily fits into a car trunk, demonstrating its portability and ease of storage.

4.2 Gear Shifting (Shimano 7-Speed)

Your bike is equipped with a Shimano 7-speed shifting system. To shift gears, use the shifter located on the handlebar. Shift to a lower gear for easier pedaling on inclines and a higher gear for faster speeds on flat terrain. Shift smoothly and avoid shifting under heavy pedaling load.

High-Carbon Steel Electrophoretic Frame



Lightweight and
Sturdy



Safety and
Protection



Rust-Proof Process



Image: A detailed view of the Shimano 7-speed components, including the threaded freewheel, 7-speed shifter, and rear derailleur (RD-TY21).

4.3 Braking System

The bike features front and rear mechanical cable disc brakes with 160mm rotors, providing sensitive and reliable stopping power. Apply both brakes simultaneously for controlled deceleration. Avoid sudden, hard braking, especially with the front brake, to prevent loss of control.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ROCKBROS SKN folding bike.

- **Cleaning:** Regularly clean your bike with mild soap and water. Avoid high-pressure washing directly on bearings or electrical components.
- **Lubrication:** Keep the chain, derailleur pivots, and brake cables lubricated with appropriate bicycle lubricant.
- **Tire Care:** Check tire pressure before each ride and inspect for wear or damage.
- **Brake Check:** Ensure brake levers are firm and responsive. Adjust cable tension if brakes feel spongy or too loose.
- **Fastener Check:** Periodically check all bolts and quick-release levers for tightness.
- **Frame Care:** The high-carbon steel frame features an electrophoretic, rust-proof process, but regular cleaning helps maintain its condition.



4'7"-6'1	220 lbs	36.6 lbs



Image: A close-up of the bike's high-carbon steel frame, emphasizing its durability and rust-resistant coating.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your folding bike.

- **Gears not shifting smoothly:** Check for proper cable tension and ensure the derailleur is aligned. Lubricate the chain and derailleur pivots.
- **Brakes feel weak:** Inspect brake pads for wear and replace if necessary. Check brake cable tension and adjust as needed. Ensure rotors are clean.
- **Tires losing air quickly:** Check for punctures and repair or replace the inner tube. Ensure the valve stem is secure.
- **Squeaking noises:** Identify the source of the noise. It could be brakes, pedals, or a loose component. Lubricate moving parts or tighten fasteners.

Your browser does not support the video tag.

Video: This video provides guidance on common usage issues and tuning fixes for the ROCKBROS folding bike, which can be helpful for troubleshooting.

7. SPECIFICATIONS

Model Name	SKN
Bike Type	Folding Bike
Brand	ROCKBROS
Frame Material	High Carbon Steel
Wheel Size	20 Inches
Number of Speeds	7 (Shimano)
Brake Style	Disc (Mechanical Cable)
Suspension Type	Rigid
Special Features	Fenders, Foldable, Quick-Release Front Carrier Block, Heavy-Duty Rear Rack
Included Components	Kickstand
Maximum Weight Recommendation	220 Pounds
Minimum User Height	4.7 Feet
Assembly Required	Yes (98% pre-assembled)



7 SPEED Shimano Professional Kit

Threaded Freewheel 7-Speed 14T-28T



7 Speed Shifter



Rear Derailleur RD-TY21

Image: Features like CST wear-resistant tires, expanded rear rack, and fenders are highlighted, contributing to the bike's utility.

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

The ROCKBROS SKN Folding Bike comes with a **1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact ROCKBROS customer support through the official ROCKBROS website or your retailer. You may also refer to the [User Manual \(PDF\)](#) for additional information.

