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VEVOR sdc-05

VEVOR Mountain Bike User Manual

Model: sdc-05 (27.5 inch, 18-Speed, Full Suspension)

1. Introduction

Thank you for choosing the VEVOR Mountain 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.



Image: VEVOR 27.5 inch Mountain Bike, White + Black color scheme.

2. Safety Information

Always prioritize safety when riding. Failure to follow these safety guidelines may result in serious injury or death.

- Always wear a helmet that meets safety standards.
- Ensure brakes are functioning correctly before each ride.
- Check tire pressure and condition regularly.
- Be visible: use lights and reflectors, especially at night or in low light conditions.
- Obey all traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Familiarize yourself with the bike's controls before riding in traffic.

3. Package Contents

Your VEVOR Mountain Bike package should include the following items:

- 1 x VEVOR Mountain Bike (85% pre-assembled)
- 1 x Set of Accessories (including installation tools, bell, front and rear reflectors, light mount)

4. Setup & Assembly

Your VEVOR Mountain Bike comes 85% pre-assembled. The following steps detail the remaining assembly required. Installation tools are included.

1. **Install the Handlebar:** Attach the handlebar to the stem and tighten securely. Ensure proper alignment.
2. **Install the Front Wheel:** Mount the front wheel into the fork dropouts. Ensure the quick release skewer is properly installed and tightened.
3. **Install the Pedals:** Identify left (L) and right (R) pedals. Thread the left pedal counter-clockwise and the right pedal clockwise into the crank arms. Tighten firmly.
4. **Install the Saddle:** Insert the seat post into the frame's seat tube. Adjust the saddle height to your preference and tighten the quick-release or bolt.
5. **Install Reflectors & Bell:** Attach the front and rear reflectors and the bell to the designated positions on the bike.



Image: Visual guide for the final assembly steps including handlebar, front wheel, pedals, saddle, reflectors, and bell.

5. Operating Instructions

5.1. Shifting Gears (18-Speed)

Your VEVOR Mountain Bike features an 18-speed drivetrain for versatile riding. The shifters are located on the handlebars.

- Use the left shifter for the front gears (chainrings) and the right shifter for the rear gears (cassette).
- Shift to a lower gear for easier pedaling on inclines.
- Shift to a higher gear for faster speeds on flat terrain or descents.
- Always pedal lightly while shifting to ensure smooth transitions and prevent damage to the drivetrain.



Image: Close-up of the handlebar with the 18-speed grip shifter.



Image: Detail of the rear derailleur and cassette, illustrating the gear mechanism.

5.2. Braking System

The bike is equipped with responsive front and rear dual V-brakes for reliable stopping power.

- The right brake lever controls the rear brake, and the left brake lever controls the front brake.
- Apply both brakes simultaneously for effective and controlled stopping.
- Avoid sudden, hard braking with only the front brake, especially at high speeds, as this can cause loss of control.

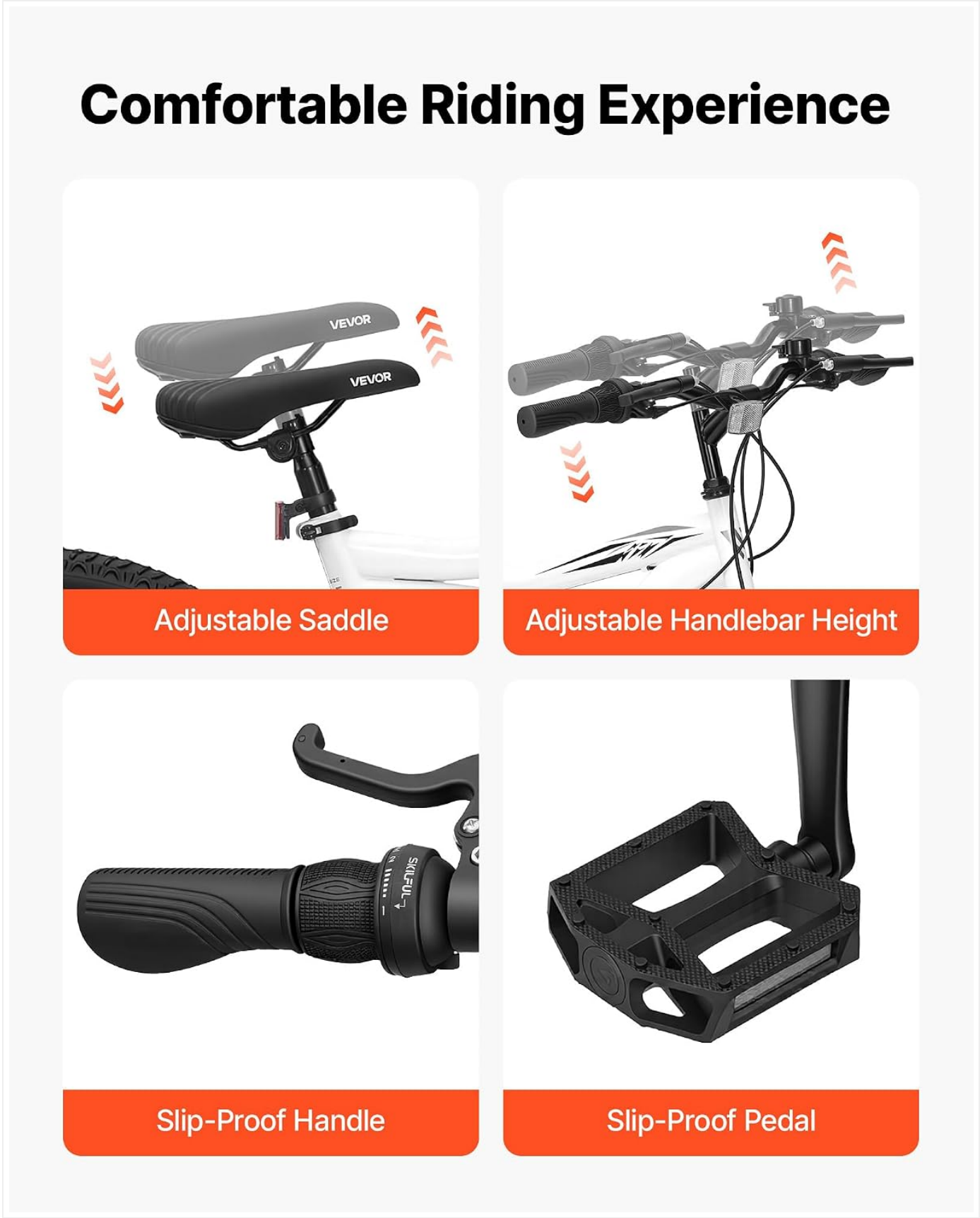


Image: Close-up of the front V-brake mechanism and tire.

5.3. Suspension System

This mountain bike features both front fork suspension and rear suspension to absorb shocks and provide a smoother ride over varied terrain.

- The suspension system helps maintain tire contact with the ground, improving control and comfort.
- No user adjustment is typically required for this type of suspension.



Image: Overview of the mountain bike highlighting the front fork and rear suspension components.

5.4. All-Terrain Tires

The bike is equipped with widened, thick tires designed for strong grip, wear resistance, and puncture resistance across various terrains.

- Check tire pressure before each ride. Recommended pressure is usually indicated on the tire sidewall.
- These tires are suitable for paved roads, parks, greenways, and light wooded trails.

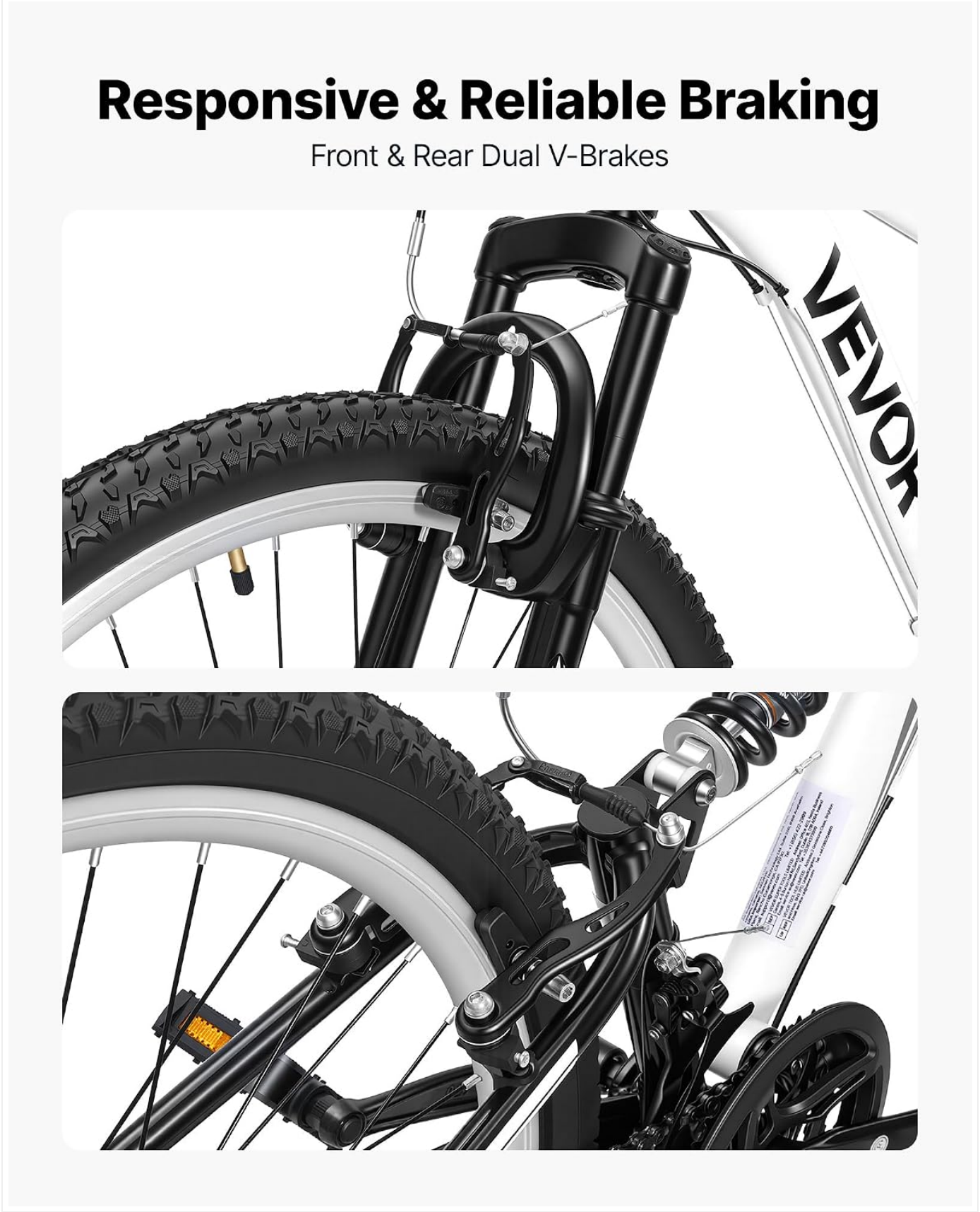


Image: Close-up of the mountain bike's front tire, showing the tread pattern.

5.5. Adjustments for Comfort

Ensure your riding position is comfortable and efficient by adjusting the saddle height.

- **Saddle Height:** Adjust the saddle so that your leg is almost fully extended with a slight bend at the knee when the pedal is at its lowest point.
- Use the quick-release lever or bolt on the seat post to adjust and secure the saddle.

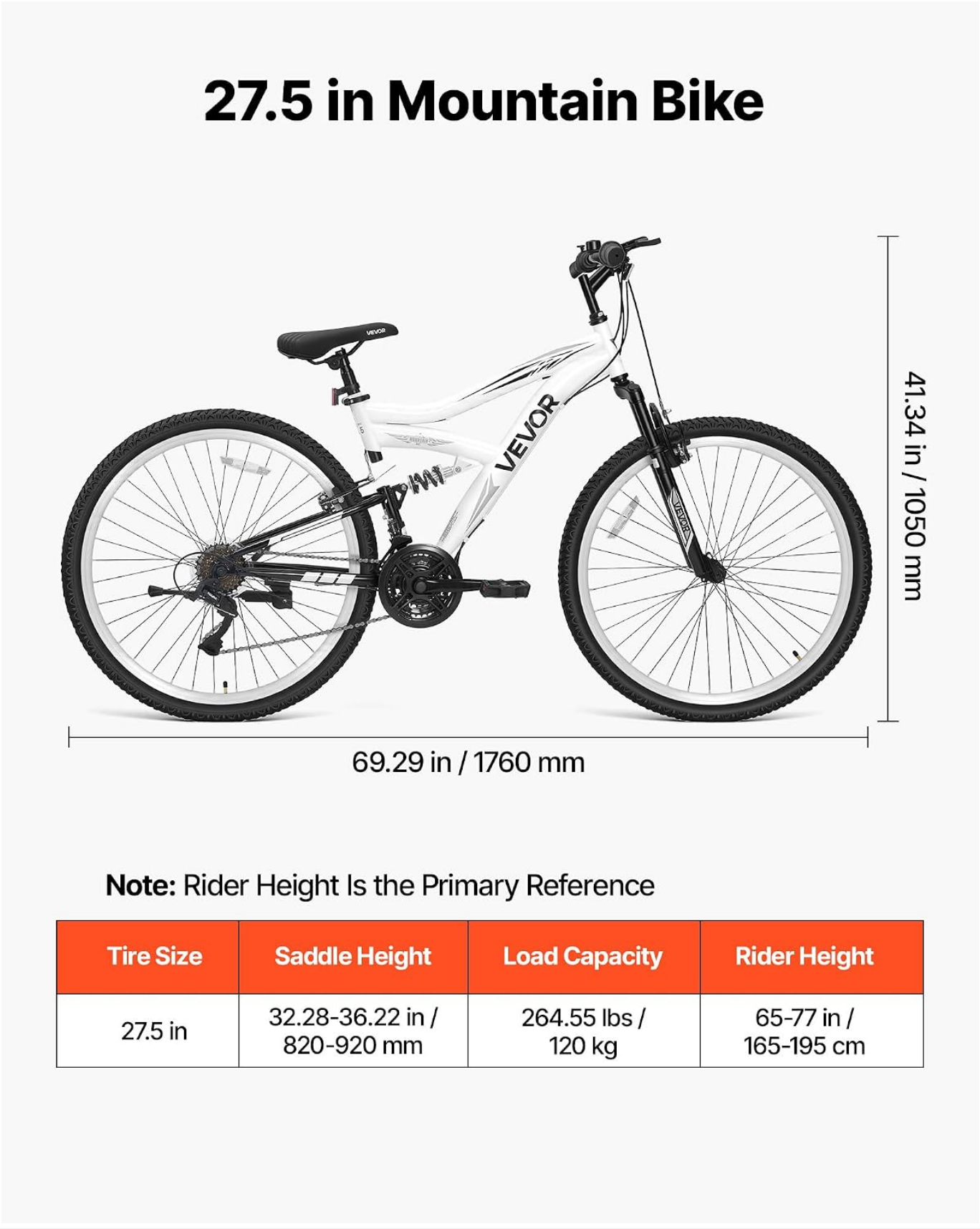


Image: Detail of the adjustable saddle, showing its ergonomic design.

6. Maintenance

Regular maintenance is crucial for the longevity and safe operation of your VEVOR Mountain Bike.

- **Cleaning:** Regularly clean your bike with mild soap and water. Avoid high-pressure washers on bearings and seals.
- **Lubrication:** Keep the chain clean and lubricated. Apply bicycle-specific chain lubricant regularly, especially after

riding in wet conditions.

- **Brakes:** Check brake pads for wear and replace them when necessary. Ensure brake cables are not frayed and are properly tensioned.
- **Tires:** Inspect tires for cuts, punctures, and wear. Maintain correct tire pressure.
- **Bolts & Fasteners:** Periodically check all bolts and fasteners for tightness, especially on critical components like handlebars, stem, wheels, and seat post.
- **Professional Service:** It is recommended to have your bike inspected by a professional bicycle mechanic at least once a year.

7. Troubleshooting

This section addresses common issues you might encounter. For more complex problems, please consult a professional bicycle mechanic or contact VEVOR customer support.

Problem	Possible Cause	Solution
Difficulty Shifting Gears	Derailleur cable tension incorrect, bent derailleur hanger, dirty chain.	Adjust cable tension, clean and lubricate chain. Inspect for bent components.
Brakes Feel Spongy or Weak	Brake pads worn, cable stretched, brake calipers misaligned.	Check and replace brake pads. Adjust cable tension. Realign calipers.
Tire Goes Flat Quickly	Puncture in inner tube, valve stem issue, tire bead not seated correctly.	Inspect tire and tube for punctures. Repair or replace inner tube. Ensure tire is properly seated.
Creaking Noises	Loose components (pedals, crank, seat post), dry bearings.	Check tightness of all bolts. Lubricate moving parts as needed.

8. Specifications

Detailed specifications for the VEVOR Mountain Bike Model sdc-05:

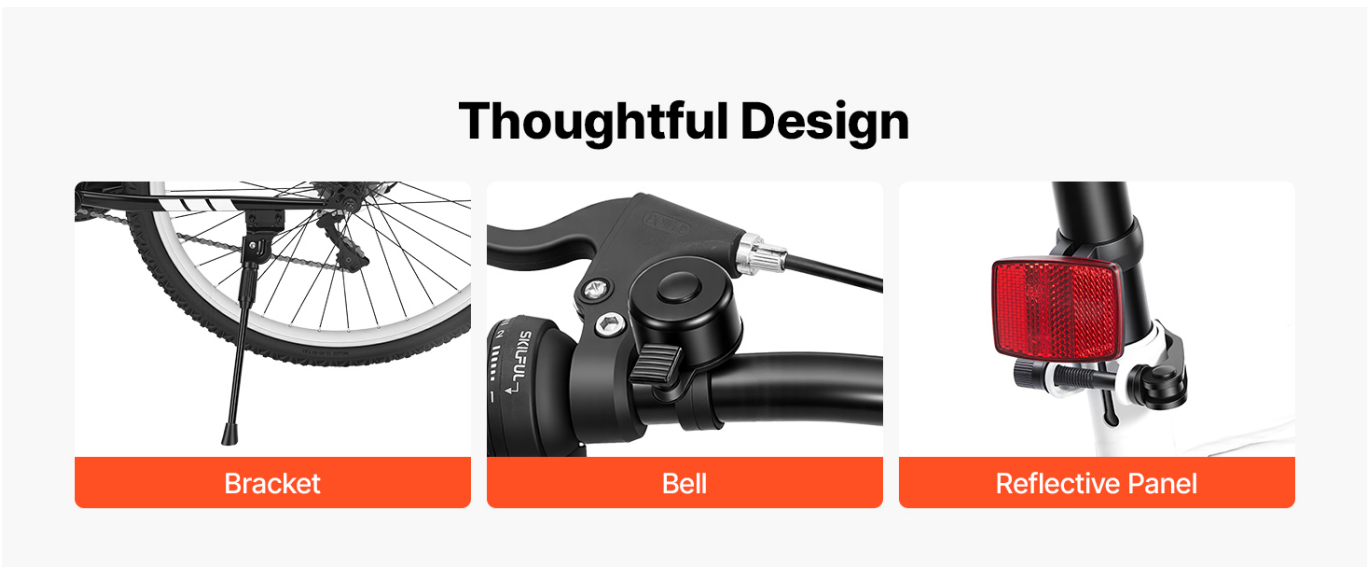


Image: Diagram showing the bike's overall dimensions and key specifications.

Feature	Detail
Item Model Number	sdc-05

Feature	Detail
Bike Type	Mountain Bike
Wheel Size	27.5 inches
Number of Speeds	18-Speed
Suspension Type	Front Fork Suspension & Rear Suspension
Frame Material	High Carbon Steel
Brake Style	Dual V-Brakes (Front & Rear)
Load Capacity	264.55 lbs / 120 kg
Net Weight	37.7 lbs / 17.1 kg
Item Dimensions (L x W x H)	69.29 x 25.59 x 41.34 in / 1760 x 650 x 1050 mm
Intended Riding Terrain	Mountain Terrain, Paved Roads, Unpaved Trails

8.1. Sizing Guide

Choosing the correct bike size is essential for comfort and safety. Rider height and inseam length are the primary reference points.

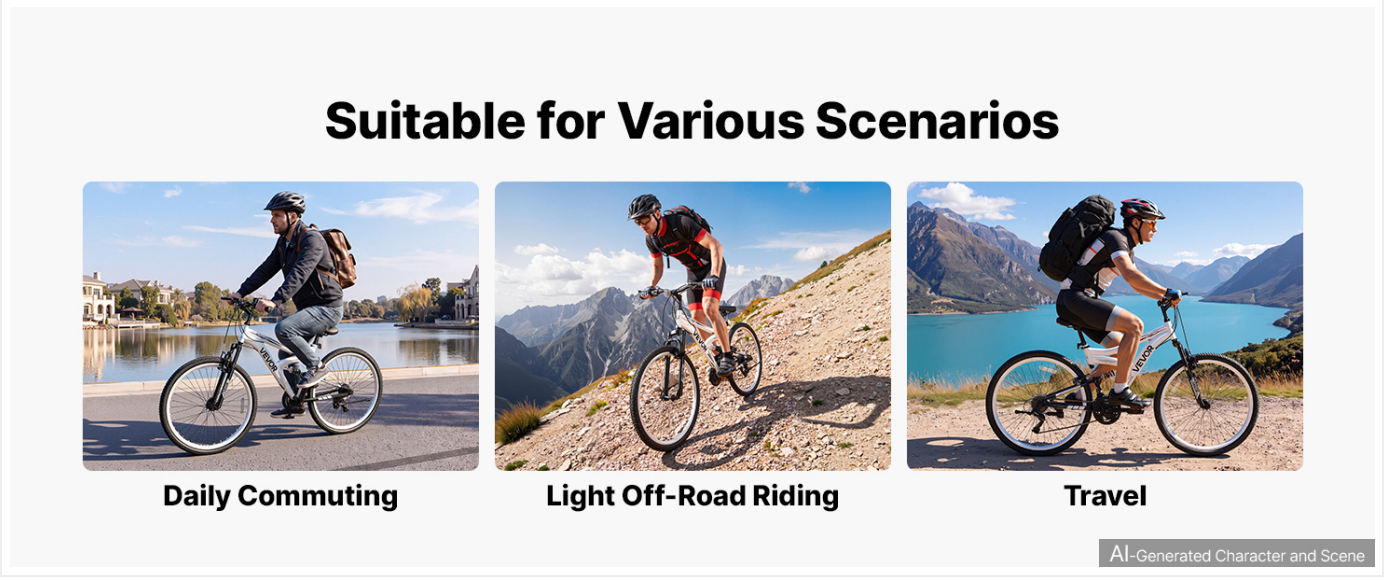


Image: Sizing chart illustrating recommended tire size based on rider height and inseam length.

Tire Size	Rider Height	Inseam Length	Max Weight
27.5 in	65-77 in / 165-195 cm	29-35 in / 74-89 cm	264.55 lbs / 120 kg

**Inseam length: The distance from the highest point of the inner thigh to the ground.*

9. Warranty

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your proof of purchase for warranty claims.

10. Customer Support

If you have any questions, require technical assistance, or need to report an issue, please contact VEVOR customer support through their official website or the contact information provided with your purchase.
You can also refer to the official User Manual (PDF) for additional details:Download PDF Manual

Ask a question about this manual

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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