

[Manuals.plus](#) /

› [AVASTA](#) /

› AVASTA Earth Mountain Bike User Manual

AVASTA Earth 26/27.5 inch

AVASTA Earth Mountain Bike User Manual

Model: Earth 26/27.5 inch | Brand: AVASTA



1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your AVASTA Earth Mountain Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Your AVASTA Earth Mountain Bike is designed for mountain biking and general recreational use, featuring a durable aluminum frame, 21-speed derailleur system, and dual disc brakes.



Image: Full view of the AVASTA Earth Mountain Bike, showcasing its blue and black frame, wheels, and components.

2. SAFETY INFORMATION

Always wear a helmet when riding. Ensure all components are properly assembled and tightened before each ride. Regularly inspect tires for proper inflation and wear. Be aware of your surroundings and obey all traffic laws. Avoid riding in adverse weather conditions or on excessively challenging terrain if you are not experienced.

- **Helmet Use:** Always wear a certified bicycle helmet.
- **Pre-Ride Check:** Inspect brakes, tires, and quick releases before every ride.
- **Visibility:** Use lights and reflectors, especially during low light conditions.
- **Traffic Laws:** Adhere to all local traffic regulations and signs.
- **Riding Conditions:** Adjust your riding style to suit terrain and weather.

3. COMPONENTS OVERVIEW

Your AVASTA Earth Mountain Bike is equipped with high-quality components designed for performance and durability.

- **Frame:** Lightweight aluminum alloy frame.
- **Fork:** Switchable front suspension fork for varied terrain.

- **Gears:** 21-speed Shimano derailleur system (3-speed front, 7-speed rear).
- **Brakes:** Dual mechanical disc brakes for reliable stopping power.
- **Wheels:** Aluminum alloy rims with quick-release front wheel.
- **Tires:** Kenda 26"x1.95" or 27.5"x1.95" all-terrain tires.
- **Saddle:** Ergonomically designed comfortable saddle.

Experience Comfortable Riding



Aluminum Frame



Quick-Release Front Wheel



Spacious Saddle

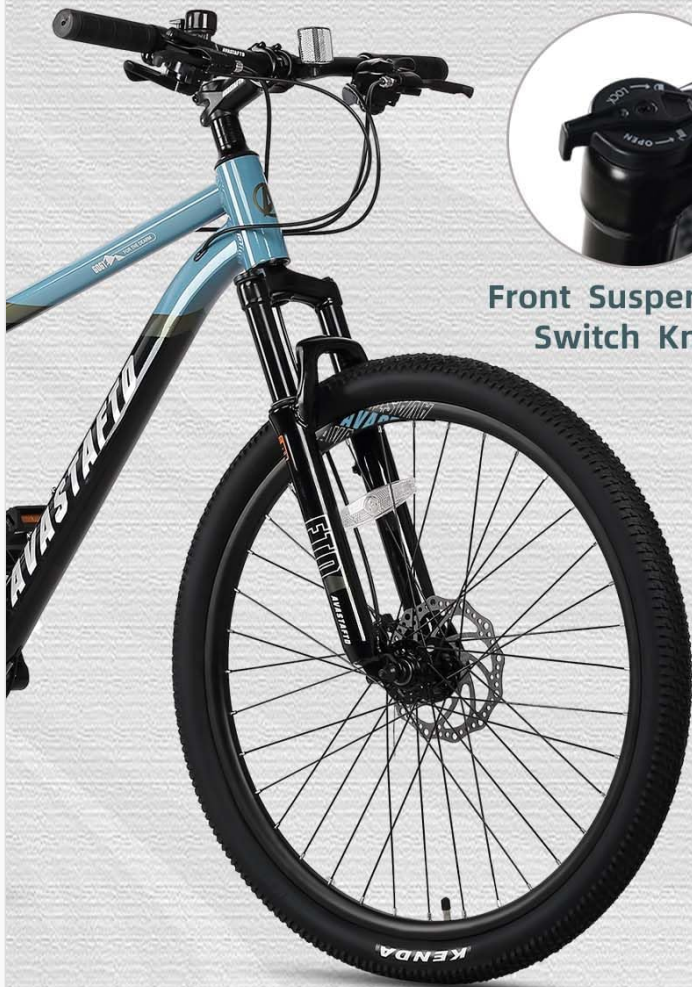


Concealed Brake Lines

Image: Detailed view of the quick-release front wheel, comfortable saddle, and concealed brake lines, highlighting key features for rider comfort and convenience.

Adaptable to Various Terrains

Minimize Ground Impact



Front Suspension
Switch Knob



Front Fork Suspension



KENDA Large Tread Pattern
(26"/27.5"*1.95")

Image: Focus on the front suspension system, showing the switch knob for adjustment, the suspension fork, and the robust Kenda tire tread for all-terrain grip.

4. SETUP AND ASSEMBLY

Your AVASTA Earth Mountain Bike comes 75% pre-assembled. Follow these steps for final assembly. For a visual guide, please refer to the official installation video provided by AVASTA.

Your browser does not support the video tag.

Video: Official AVASTA Earth Mountain Bike assembly guide. This video demonstrates the steps required to complete the bike's setup, including attaching the front wheel, handlebars, pedals, and adjusting the seat.

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely.
3. **Front Wheel Installation:** Install the front wheel using the quick-release mechanism. Ensure it is properly seated and the quick-release lever is fully closed.

4. **Pedal Installation:** Identify left (L) and right (R) pedals. Thread them into the crank arms (left pedal is reverse threaded). Tighten firmly.
5. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height for comfortable riding. Secure with the quick-release or bolt.
6. **Brake and Gear Adjustment:** Fine-tune brake and gear cables for optimal performance. Refer to the operating instructions for details.
7. **Tire Inflation:** Inflate tires to the recommended pressure indicated on the tire sidewall.

5. OPERATING INSTRUCTIONS

Understanding how to properly operate your bike's features will enhance your riding experience.

5.1. Shifting Gears

Your bike features a 21-speed Shimano system. Use the shifters on the handlebars to change gears. The left shifter controls the front derailleur (3 speeds), and the right shifter controls the rear derailleur (7 speeds).

- **Front Derailleur (Left Shifter):** Controls larger jumps in gear ratios, ideal for significant changes in incline.
- **Rear Derailleur (Right Shifter):** Controls smaller, finer adjustments to gear ratios, suitable for maintaining cadence on varied terrain.

Effortless 21 Gear Changes During Your Ride



SHIMANO 3-Speed Front Derailleur



SHIMANO 7-Speed Rear Derailleur



Rear Disc Brake



Shimano Shifters



Image: Detailed view of the Shimano gear system, including front and rear derailleurs, the rear disc brake, and the handlebar-mounted shifters for effortless gear changes.

5.2. Braking

The bike is equipped with dual mechanical disc brakes. The left lever controls the front brake, and the right lever controls the rear brake. Apply both brakes simultaneously for effective stopping.

5.3. Suspension Fork

The front suspension fork can be adjusted to suit different terrains. Use the switch knob on the fork to lock or unlock the suspension. Lock the suspension for efficient pedaling on smooth surfaces, and unlock it for absorbing shocks on rough terrain.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your AVASTA Earth Mountain Bike.

- **Cleaning:** Clean your bike regularly with mild soap and water. Avoid high-pressure washers on bearings.
- **Lubrication:** Lubricate the chain regularly, especially after riding in wet conditions. Apply a suitable bicycle chain lubricant.
- **Tire Pressure:** Check tire pressure before each ride. Maintain pressure within the range indicated on the tire sidewall.
- **Brake Inspection:** Check brake pads for wear and replace them when necessary. Ensure brake levers feel firm.
- **Bolt Tightness:** Periodically check and tighten all bolts and quick releases, especially on the handlebars, stem, seat post, and wheels.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Gears not shifting smoothly	Cable tension incorrect, dirty derailleur, bent hanger	Adjust cable tension, clean derailleur, check for bent hanger
Brakes feel spongy or weak	Loose cable, worn pads, contaminated rotor	Tighten cable, replace pads, clean rotor with disc brake cleaner
Tires losing air quickly	Puncture, valve issue, improper seating	Inspect for punctures, check valve, re-seat tire bead

8. SPECIFICATIONS

Feature	Detail
Bike Type	Mountain Bike
Age Range	Adult
Brand	AVASTA
Number of Speeds	21
Wheel Size	26 Inches or 27.5 Inches (Optional)
Frame Material	Aluminum
Suspension Type	Front
Brake Style	Disc
Included Components	Bell, Reflectors, Tool Kit
Assembly Required	Yes (75% pre-assembled)

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or

visit the official AVASTA website. Keep your proof of purchase for warranty claims.

AVASTA Store Link: [Visit the AVASTA Store on Amazon](#)

