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> EVERCROSS EM1 Folding Bicycle User Manual

EVERCROSS EM1

EVERCROSS EM1 Folding Bicycle User Manual

Model: EM1 | Brand: EVERCROSS

1. INTRODUCTION AND OVERVIEW

The EVERCROSS EM1 Folding Bicycle is designed for adults and youth aged 12 and above, offering a convenient and efficient mode of transport. Featuring 20-inch wheels, 7-speed Shimano gears, and dual disc brakes, it provides a comfortable and safe riding experience. Its lightweight aluminum frame and foldable design make it highly portable and easy to store.



Figure 1: EVERCROSS EM1 Folding Bicycle in use.

Key Features:

- **Easy Assembly:** The bicycle arrives 99% pre-assembled, requiring only the installation of the handlebar stem.
- **Lightweight and Portable:** Weighing only 12.7 kg with a rust-resistant aluminum frame, it is easy to transport and store, ideal for commuting.
- **Smooth Shifting and Comfortable Ride:** Reliable 7-speed Shimano gears ensure effortless transitions across various terrains. 20-inch pneumatic tires provide stability and comfort on grass, gravel, cobblestones, and asphalt.
- **Safe Riding in All Conditions:** Dual front and rear disc brakes offer consistent and modulated stopping power. Front, rear, and wheel reflectors ensure 360° visibility in low light.
- **Adjustable for Various Heights:** Designed for users from 150 to 185 cm tall, with an adjustable seat (59-93 cm) and handlebar (93-108 cm).

2. SETUP AND ASSEMBLY

The EVERCROSS EM1 Folding Bicycle comes largely pre-assembled. The primary step required before your first ride is to install the handlebar stem.

Handlebar Stem Installation:

1. Carefully unpack the bicycle and remove all packaging materials.
2. Locate the handlebar stem. It may be folded or detached for shipping.
3. Insert the handlebar stem into the fork tube, ensuring it is aligned with the front wheel.
4. Tighten the quick-release lever or bolts on the stem to secure it firmly in place. Ensure there is no play or rotation.
5. Adjust the handlebar height to your preferred riding position (between 93-108 cm) and secure it.

EM1 Foldable Bicycle



Figure 2: Key components of the EVERCROSS EM1 Folding Bicycle.

Pre-Ride Checks:

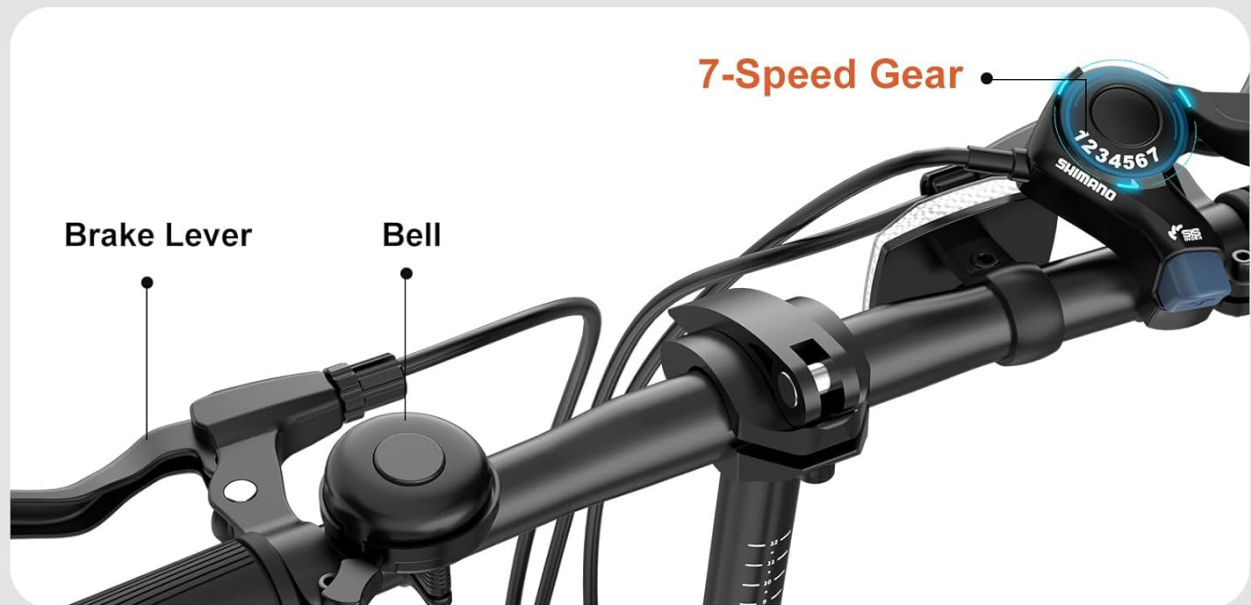
- Ensure all quick-release levers (seat post, handlebar) are securely tightened.
- Check tire pressure. The recommended pressure is usually indicated on the tire sidewall.
- Test both front and rear brakes to ensure they are functioning correctly.
- Verify that the 7-speed gears shift smoothly.

3. OPERATING INSTRUCTIONS

Riding the Bicycle:

- **Starting:** Mount the bicycle, place your feet on the pedals, and push off.
- **Steering:** Use the handlebars to steer. Lean gently into turns.
- **Braking:** The EVERCROSS EM1 is equipped with dual disc brakes. The right lever typically controls the rear brake, and the left lever controls the front brake. Apply both brakes smoothly and evenly for effective stopping.

Avoid sudden, hard braking, especially with the front brake, to prevent skidding.



Conquer hills and flats with 7-Speed Gear

7-Speed Gearing lets you effortlessly switch speeds for a smooth, efficient ride on any terrain.

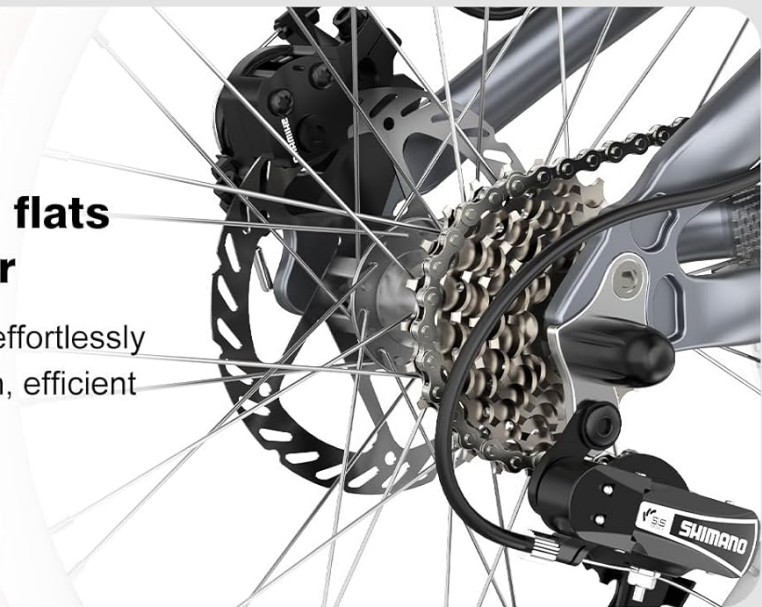


Figure 3: Handlebar controls including brake lever, bell, and gear shifter.



Front and Rear Disc Brake System

More flexible for emergency braking and faster radiating, ensures safety of riding

Figure 4: Dual disc brake system for reliable stopping power.

Shifting Gears:

The bicycle features a 7-speed Shimano gear system. Use the shifter on the handlebar to change gears. Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill riding. Always pedal lightly while shifting to ensure smooth transitions and prevent damage to the drivetrain.

20-inch Pneumatic Tires for All Terrains

We can ride on

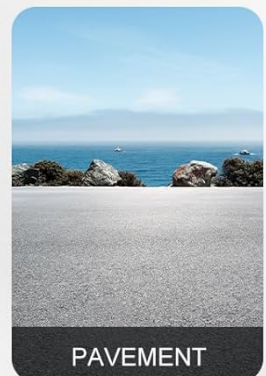
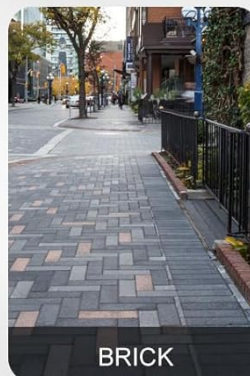


Figure 5: The 7-speed Shimano gear system.

Adjusting Seat and Handlebar Height:

For optimal comfort and efficiency, adjust the seat and handlebar height to suit your body. The seat height can be adjusted from 59 cm to 93 cm, and the handlebar height from 93 cm to 108 cm. Use the quick-release levers to make adjustments, ensuring they are securely fastened before riding.



150-185 CM (4,9-6 PIES)

Altura recomendada



12,7 KG (28 LB)

Peso de la bicicleta



100 KG (220 LB)

Carga máxima



Figure 6: Adjustable components and dimensions for personalized fit.

Folding the Bicycle:

The EM1 is designed for easy folding. Locate the folding mechanisms on the frame and handlebar stem. Follow the manufacturer's instructions for your specific model to safely fold and unfold the bicycle. Ensure all locking mechanisms are engaged when unfolded and secured when folded for transport or storage.



Figure 7: The EVERCROSS EM1 in its folded and unfolded states, highlighting portability.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your EVERCROSS EM1 Folding Bicycle.

Cleaning:

- Clean the frame and components with a damp cloth and mild soap. Avoid high-pressure washers, which can damage bearings and seals.
- Regularly clean the chain and lubricate it with bicycle-specific chain lubricant.

Brakes and Gears:

- Inspect brake pads for wear and replace them when necessary.
- Check brake cables for fraying or stiffness and lubricate them.

- Ensure gear cables are taut and lubricated for smooth shifting. Adjust the derailleur if shifting becomes imprecise.

Tires:

- Check tire pressure before each ride and inflate to the recommended PSI.
- Inspect tires for cuts, punctures, or excessive wear.

General Checks:

- Periodically check all bolts and nuts for tightness.
- Ensure reflectors are clean and securely attached for maximum visibility.



Figure 8: Reflectors for 360° visibility.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your EVERCROSS EM1 Folding Bicycle.

Common Issues and Solutions:

- **Flat Tire:** Inspect the tire for punctures. If found, repair or replace the inner tube. Ensure the tire is properly seated on the rim before inflating.
- **Brakes Squealing:** Clean the brake rotors and pads. Ensure the brake calipers are properly aligned. If squealing persists, brake pads may need replacement.
- **Gears Not Shifting Smoothly:** Check the tension of the gear cable. Lubricate the chain and derailleur pivots. If issues persist, the derailleur may need adjustment by a professional.
- **Loose Handlebar/Seat:** Ensure all quick-release levers and bolts are fully tightened. Do not ride the bicycle if the handlebar or seat is loose.
- **Unusual Noises:** Stop riding immediately and inspect the bicycle for loose parts, rubbing components, or damaged bearings. Address the source of the noise before continuing to ride.

If you encounter problems not listed here or are unable to resolve an issue, please contact customer support for assistance.

6. SPECIFICATIONS

Detailed technical specifications for the EVERCROSS EM1 Folding Bicycle.

Feature	Specification
Product Dimensions	149 x 57 x 108 cm
Product Weight	12.7 kg
Manufacturer	EVERCROSS
Manufacturer Reference	EM1
Country of Origin	China
Department	Unisex Youth
Bicycle Type	Folding Bicycle
Age Range Description	Adolescent, Youth (12+ years)
Color	Grey
Wheel Size	20 Inches
Suspension Type	Rigid
Special Features	Adjustable Seat, Dual Disc Brake, Lightweight, Multi-speed, Foldable
Recommended Height	150-185 cm
Brake Style	Disc

Feature	Specification
Specific Uses for Product	Gravel, Paved Roads, Unpaved Trails
Number of Speeds	7
Power Source Type	Pedal power
Bicycle Shifter Type	Trigger
Gear Type	Cassette
Derailleur Configuration	Rear
Bicycle Drive Type	Chain Drive
Wheel Material	Aluminum
Maximum Recommended Load	100 Kilograms
Assembly Required	No (99% pre-assembled)
Minimum User Height	150 Centimeters

7. WARRANTY AND SUPPORT

The EVERCROSS EM1 Folding Bicycle comes with a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions.

For technical support, spare parts, or warranty claims, please contact EVERCROSS customer service through the retailer where you purchased the product or visit the official EVERCROSS website for contact information.