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## EVERCROSS EM3

# EVERCROSS EM3 26-inch Mountain Bike User Manual

Model: EM3

## INTRODUCTION

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Thank you for choosing the EVERCROSS EM3 26-inch Mountain Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. Proper assembly and regular maintenance are crucial for your safety and the longevity of your bike.

## SAFETY INFORMATION

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Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Ensure all components are correctly assembled and tightened before each ride. Familiarize yourself with local cycling laws and regulations.

- Always wear a certified bicycle helmet.
- Check tire pressure, brakes, and quick releases before every ride.
- Ensure reflectors are clean and visible.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and traffic.
- Avoid riding in adverse weather conditions if visibility is poor.
- Maximum load capacity: 150 kg. Do not exceed this limit.

## PRODUCT OVERVIEW

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The EVERCROSS EM3 is a versatile 26-inch mountain bike designed for various terrains, featuring a lightweight aluminum frame, 21-speed gear system, front suspension, and reliable disc brakes.

# 21-Speed Precision Gear System

Precise gear changes, adapts to climbing/flat/descent needs, delivers efficient and effort-saving riding



Figure 1: Overview of the EVERCROSS EM3 Mountain Bike.

## Key Components:

- **21-Speed Gear System:** Provides a wide range of gears for various riding conditions, from urban commutes to moderate off-road trails.
- **Lightweight Aluminum Frame:** Durable and robust, supporting a maximum load of 150 kg.
- **Front Suspension Fork:** Absorbs shocks from uneven surfaces, enhancing comfort and stability.
- **Disc Brakes:** Offers consistent and reliable stopping power in both dry and wet conditions.
- **26-inch Pneumatic Tires:** Ensures good grip and effective shock absorption on asphalt, gravel, and light trails.
- **Adjustable Seat:** For personalized riding comfort.
- **Built-in Water Bottle Holder:** Convenient access to hydration.
- **Non-Slip Pedals:** For secure foot placement.
- **Taillight:** Enhances visibility.

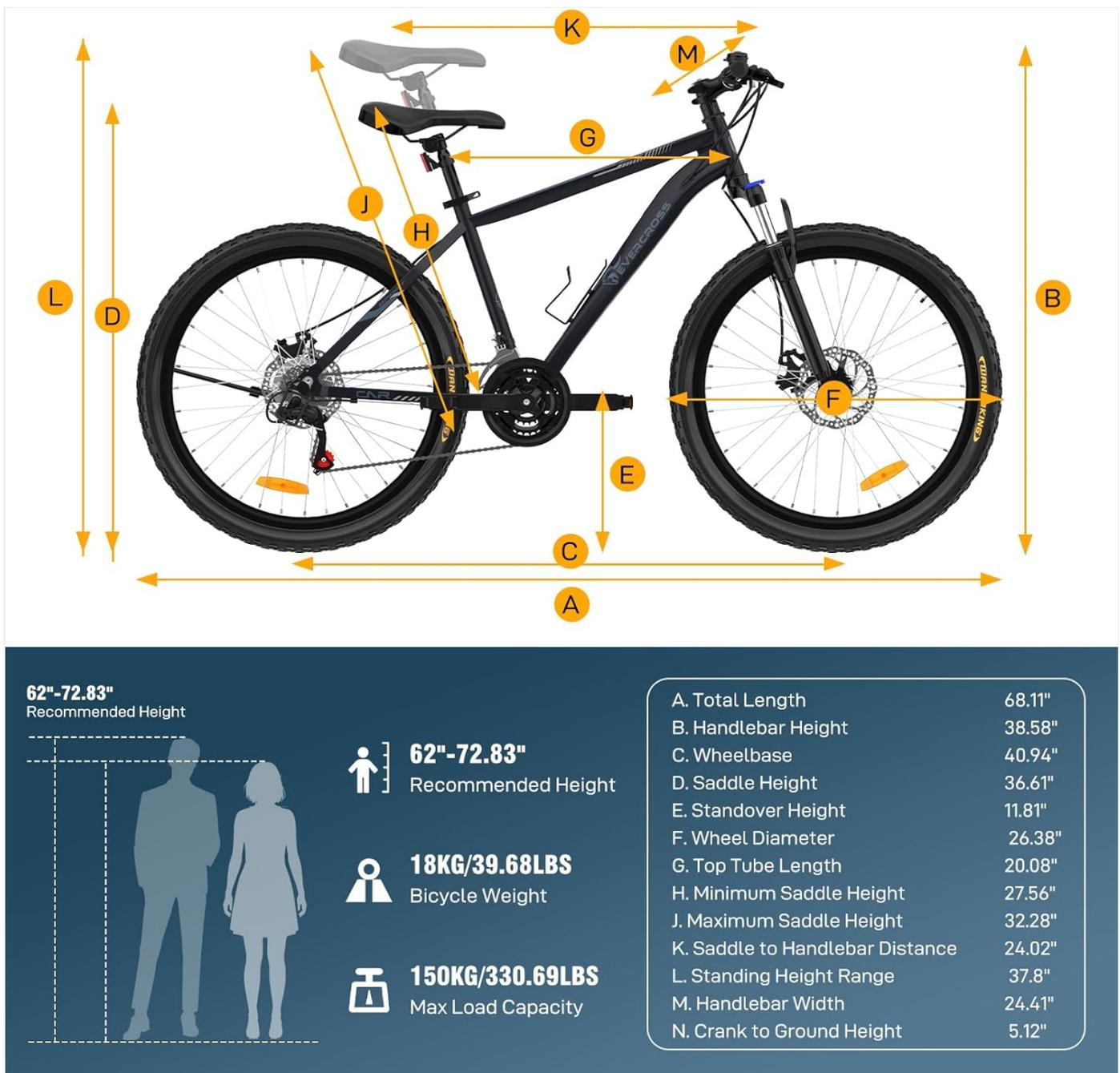


Figure 2: Detailed view of key components including adjustable seat, water bottle holder, aluminum frame, non-slip pedals, tires, and taillight.

## SETUP AND ASSEMBLY

Your EVERCROSS EM3 bike comes partially assembled. Follow these steps to complete the assembly and prepare for your first ride. It is recommended to have basic tools such as Allen wrenches and a pedal wrench.

- Unpacking:** Carefully remove the bike and all components from the packaging. Retain packaging for potential returns or storage.
- Handlebar Installation:** Attach the handlebar to the stem. Ensure it is centered and tightened securely. Adjust the angle for comfortable riding.
- Front Wheel Installation:** Install the front wheel into the fork dropouts. Ensure the quick-release skewer or axle nuts are properly tightened. Check that the wheel spins freely and is centered.
- Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal has a reverse thread. Apply a small amount of grease to the threads and screw them into the crank arms. Tighten firmly with a pedal wrench.
- Seat Post and Saddle Adjustment:** Insert the seat post into the frame. Adjust the saddle height so that your leg is slightly bent at the knee when the pedal is at its lowest point. Tighten the quick-release or bolt securely.

6. **Brake Adjustment:** Ensure both front and rear disc brakes are properly aligned and functioning. Squeeze the brake levers to check for firm and responsive braking. Adjust cable tension if necessary.
7. **Gear Adjustment:** Check that the 21-speed gear system shifts smoothly through all gears. Fine-tune the derailleur adjustments if shifting is rough or inconsistent.
8. **Tire Inflation:** Inflate tires to the recommended pressure indicated on the tire sidewall.
9. **Final Safety Check:** Before riding, double-check all bolts, quick releases, and components for tightness and proper function.

## OPERATING INSTRUCTIONS

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### Riding the Bike:

- **Starting:** Mount the bike, place your feet on the pedals, and push off.
- **Braking:** Use both front and rear brakes simultaneously for controlled stopping. Apply gentle pressure to the front brake and slightly more to the rear brake. Avoid sudden, hard braking, especially with the front brake, to prevent skidding.
- **Shifting Gears:** Use the shifters on the handlebar to change gears. Shift to a lower gear for climbing hills and a higher gear for flat terrain or descents. Shift smoothly and avoid shifting under heavy pedaling load.
- **Steering:** Maintain a relaxed grip on the handlebars and steer gently.

# 26-Inch Air Tires for Multiple Terrains



No-slip&Explosion-proof



Great Grip on the Ground



Snowy



Gravel



Slope



Ceramic Tile

Figure 3: The 21-speed precision gear system allows for efficient riding across varied terrain.

# Disc Brakes for Reliable Stopping Power

Provides consistent and responsive braking performance in both dry and wet conditions, supporting safer riding in daily and outdoor environments.



Figure 4: Reliable disc brakes provide consistent stopping power in various conditions.

## MAINTENANCE

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Regular maintenance ensures the safety and longevity of your EVERCROSS EM3 mountain bike.

### Daily Checks (Before Each Ride):

- **Tires:** Check tire pressure and inspect for cuts or punctures.
- **Brakes:** Test both front and rear brakes for proper function and responsiveness.
- **Quick Releases/Bolts:** Ensure all quick releases and critical bolts (wheels, seat post, handlebars) are securely tightened.
- **Chain:** Check for proper tension and lubrication.

### Weekly/Bi-Weekly Checks:

- **Chain Lubrication:** Clean and lubricate the chain to prevent rust and ensure smooth shifting.

- **Gear Shifting:** Check for smooth and accurate gear changes. Adjust derailleurs if needed.
- **Brake Pads:** Inspect brake pads for wear. Replace if worn down.
- **Wheel Alignment:** Check if wheels are true (straight) and spokes are tensioned correctly.

## Monthly/Seasonal Checks:

- **Bearings:** Check wheel, bottom bracket, and headset bearings for play.
- **Cables:** Inspect brake and shifter cables for fraying or corrosion. Replace if necessary.
- **Frame:** Inspect the aluminum frame for any cracks or damage.
- **Suspension Fork:** Clean and inspect the front suspension fork for proper function.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Brakes feel spongy or weak	Loose brake cable, worn brake pads, air in hydraulic system (if applicable)	Tighten brake cable, replace brake pads, consult a bike mechanic for hydraulic brake bleeding.
Gears not shifting smoothly	Derailleur out of adjustment, bent derailleur hanger, dirty/dry chain, stretched cable	Adjust derailleur limit screws and barrel adjusters, clean and lubricate chain, replace cable if stretched. Consult a mechanic for bent hanger.
Tire loses air quickly	Puncture, leaky valve stem, improperly seated tire bead	Inspect tire for punctures and repair/replace inner tube, check valve stem, re-seat tire bead.
Squeaking or grinding noise	Lack of lubrication, loose components, worn bearings, brake rub	Lubricate chain/moving parts, tighten loose bolts, inspect bearings, adjust brake calipers.

## SPECIFICATIONS

Feature	Detail
Model	EM3
Brand	EVERCROSS
Bike Type	Mountain Bike (Multi-purpose)
Wheel Size	26 Inches
Frame Material	Aluminum
Gear System	21-Speed
Brake Type	Disc Brakes
Suspension	Front Suspension Fork
Product Dimensions (L x W x H)	172 x 72 x 100 cm
Item Weight	18 Kilograms
Maximum Load Capacity	150 Kilograms

Feature	Detail
Color (as reviewed)	EM3-Noir (Black)



Figure 5: Detailed dimensions and recommended rider height for the EVERCROSS EM3 Mountain Bike.

## WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation included with your purchase or visit the official EVERCROSS website. Keep your proof of purchase for warranty claims.

- **Returns:** 30-day return policy (as per Amazon.fr).
- **Legal Guarantees:** Standard legal guarantees apply.
- **Customer Support:** Specialized customer support is available.

