

CRADIAC 7 SPEED

CRADIAC Squad 7 Speed Mountain Bike User Manual

Model: 7 SPEED

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, and maintenance of your CRADIAC Squad 7 Speed Mountain Bike. Please read this manual thoroughly before using your bicycle to ensure proper function and to maximize your riding experience. Retain this manual for future reference.

2. PRODUCT OVERVIEW

The CRADIAC Squad 7 Speed Mountain Bike is designed for various terrains, offering a blend of performance and durability. Key features include a robust steel frame, front suspension, and dual disc brakes.

2.1 Key Features

- **7-Speed Gear System:** Equipped with a reliable gear system for versatile riding.
- **Dual Disc Brakes:** Provides efficient stopping power in various conditions.
- **Front Suspension:** Absorbs shocks for a smoother ride on uneven surfaces.
- **Durable Steel Frame:** An 18.5-inch Hi-Tensile steel frame offers strength and stability.
- **29-inch Wheels:** Large wheels for improved stability and performance.
- **Adjustable Seat:** Allows for personalized comfort and proper riding posture.

2.2 Components

Your CRADIAC Squad 7 Speed Mountain Bike includes the following main components:

- Bicycle Frame (18.5-inch Hi-Tensile Steel)
- Front Suspension Fork
- 29-inch Wheels with Alloy Rims
- 7-Speed Drivetrain (including shifters and rear derailleur)

- Dual Disc Brake System
- Adjustable Seat with Quick Release
- Pedals
- Side Stand



Figure 1: Overview of CRADIAC Squad 7 Speed Mountain Bike components, highlighting the Shimano shifter, Hi-Tensile steel frame, suspension fork, dual disc brakes, quick release wheel, and Shimano Tourney rear derailleur.

3. SETUP AND ASSEMBLY

Your CRADIAC Squad Mountain Bike requires assembly. The package includes necessary assembly tools and instructions. For optimal safety and performance, professional assembly by a qualified bicycle mechanic is highly recommended.

- **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
- **Frame Assembly:** Attach the front wheel, handlebars, seat post, and pedals according to the provided instructions.
- **Brake Adjustment:** Ensure both front and rear disc brakes are properly aligned and adjusted for

effective stopping.

- **Gear Adjustment:** Verify that the 7-speed gear system shifts smoothly through all gears.
- **Tire Inflation:** Inflate tires to the recommended pressure indicated on the tire sidewall.



Figure 2: Fully assembled CRADIAC Squad 7 Speed Mountain Bike, showcasing its design.



Figure 3: Side view of the assembled CRADIAC Squad 7 Speed Mountain Bike, highlighting the frame and wheel size.

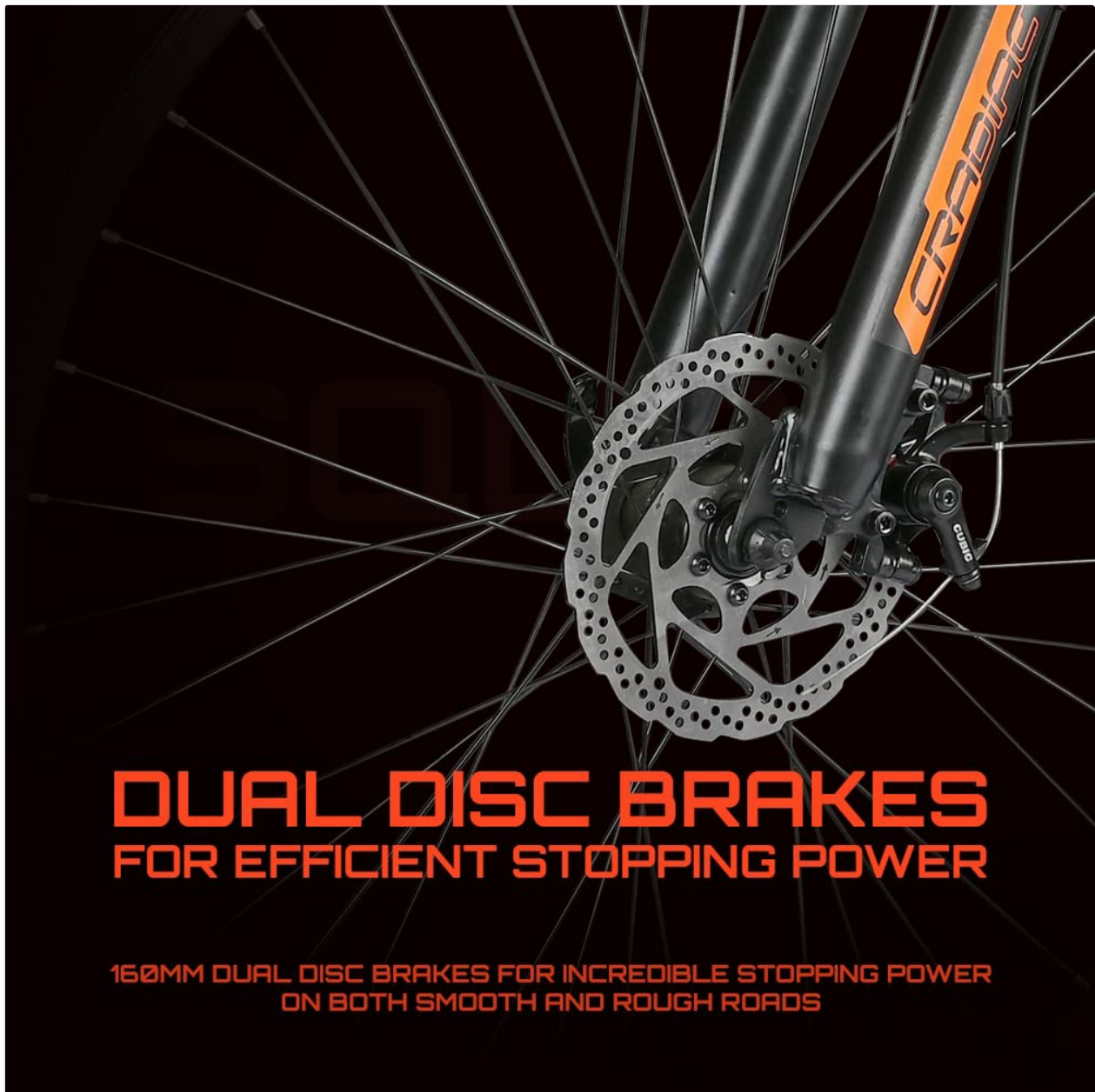
4. OPERATING INSTRUCTIONS

4.1 Gear Shifting

Your bike is equipped with a 7-speed gear system. Use the shifters on the handlebars to change gears. Shift gears smoothly and avoid forcing the chain. For optimal performance, anticipate terrain changes and shift gears before encountering steep inclines or descents.

4.2 Braking System

The CRADIAC Squad features dual disc brakes for reliable stopping power. Apply both front and rear brakes simultaneously for controlled deceleration. Avoid sudden, hard braking, especially with the front brake, to prevent loss of control. Regularly check brake pad wear and cable tension.



DUAL DISC BRAKES FOR EFFICIENT STOPPING POWER

**160MM DUAL DISC BRAKES FOR INCREDIBLE STOPPING POWER
ON BOTH SMOOTH AND ROUGH ROADS**

Figure 4: Detailed view of the dual disc brakes, designed for efficient stopping power.



Figure 5: The Shimano Tourney rear derailleur, part of the 7-speed gear system.

4.3 Front Suspension

The front suspension fork enhances comfort and handling by absorbing impacts from rough terrain. This improves traction and control, especially on uneven or rocky paths.

SUSPENSION FORK

FOR BETTER COMFORT & HANDLING

SUSPENSION THREADLESS IN SQUAD OFFERS
IMPROVED TRACTION, COMFORT AND SAFETY
ON ROOTY, ROCKY OR POTHOLED ROADS

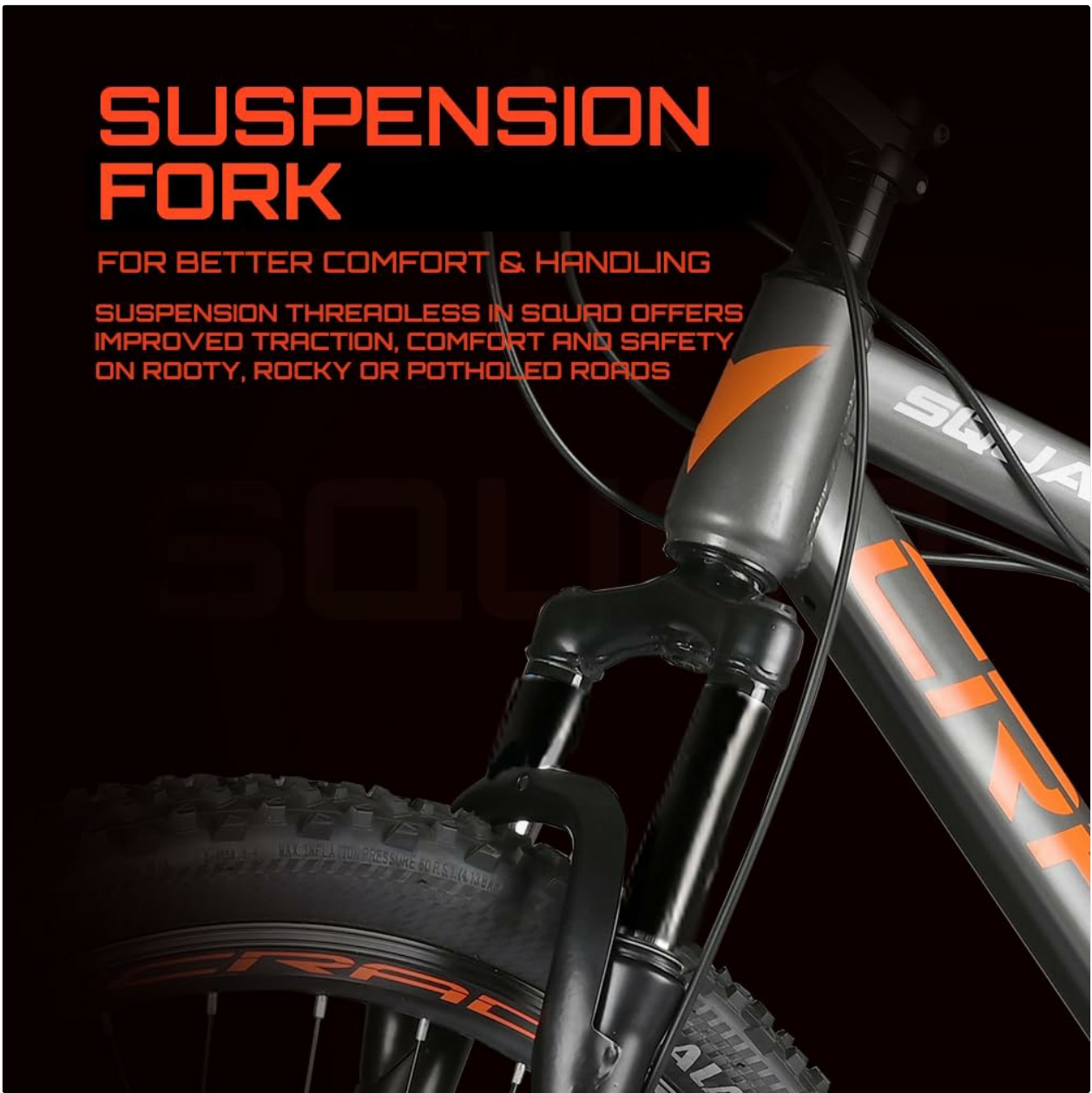


Figure 6: The suspension fork, providing better comfort and handling.

4.4 Adjusting Seat Height

Proper seat height is crucial for comfort and pedaling efficiency. Use the quick-release lever to adjust the seat post. When seated, your leg should have a slight bend at the knee when the pedal is at its lowest point. Ensure the quick-release is securely tightened before riding.

BIKE SIZE CHART

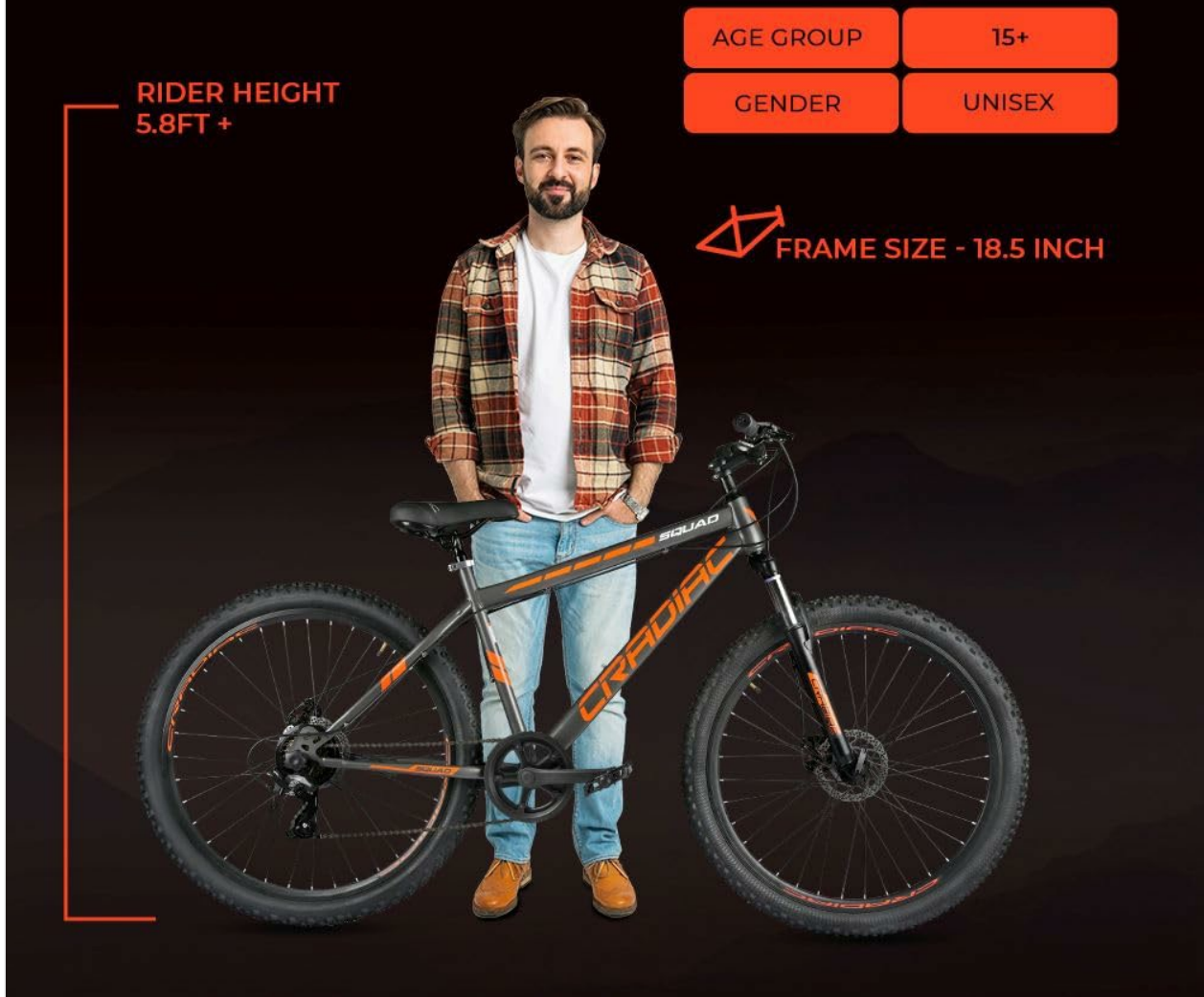


Figure 7: Bike size chart indicating suitability for riders 5'8" and above, with an 18.5-inch frame size.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your bicycle.

- **Cleaning:** Keep your bike clean, especially after riding in wet or muddy conditions. Use mild soap and water, then rinse and dry thoroughly.
- **Lubrication:** Regularly lubricate the chain, derailleur pivots, and brake levers with appropriate bicycle lubricant.
- **Tire Pressure:** Check tire pressure before each ride. Maintain the pressure recommended on the tire sidewall. For large MTB tires, a 2-wheeler shop pump may be suitable.
- **Brake Inspection:** Inspect brake pads for wear and replace them when necessary. Ensure brake cables are free from fraying and properly tensioned.
- **Gear System Check:** Periodically check for smooth gear changes. If shifting becomes rough or inconsistent, adjustments may be needed.
- **Bolt Tightness:** Regularly check and tighten all bolts and fasteners, especially on the handlebars, seat post, wheels, and crankset.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your CRADIAC Squad Mountain Bike.

Problem	Possible Cause	Solution
Gears not shifting smoothly	Derailleur misalignment, stretched cable, dirty chain.	Clean and lubricate chain. Check derailleur alignment and cable tension. Consult a mechanic if issues persist.
Brakes feel weak or noisy	Worn brake pads, contaminated rotors, loose cables.	Inspect brake pads for wear and replace if needed. Clean rotors. Adjust cable tension.
Uncomfortable seat	Seat angle or height incorrect, personal preference.	Adjust seat height and angle. Consider a gel seat cover or alternative saddle for improved comfort.
Tires losing air quickly	Puncture, valve issue, improper inflation.	Inspect tires for punctures. Check valve stem for leaks. Ensure proper inflation.

7. SPECIFICATIONS

Feature	Detail
Bike Type	Mountain Bike
Model Name	Cradiac SQUAD 7 Speed
Brand	CRADIAC
Number of Speeds	7
Colour	Grey
Wheel Size	29 Inches
Frame Material	Steel Alloy (Hi-Tensile Steel)
Frame Size	18.5 Inches (suitable for 5.8 Feet+ height)
Suspension Type	Front
Brake Style	Disc (Dual Disc Brake)
Item Weight	19.5 Kilograms
Maximum Weight Recommendation	110 Kilograms
Age Range (Description)	Adult (15+ Years)

Feature	Detail
Included Components	Bicycle, Side Stand, Assembly Tools, Assembly Instructions

8. WARRANTY AND SUPPORT

Your CRADIAC Squad Mountain Bike comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. For any support regarding parts or technical assistance, please contact the manufacturer or authorized service centers.

Manufacturer: Tungsten Consumer Goods Pvt Ltd, B 10, PHASE 5, FOCALL POINT, LUDHIANA - 141010
For assistance with parts, the manufacturer or seller (BICYCLESTORE) may provide support and courier components.
