BUCKLOS 7007040400

BUCKLOS MTB Suspension Fork User Manual

Models: 26", 27.5", 29" (Model Number: 7007040400)

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BUCKLOS MTB Suspension Fork. Designed for mountain bikes, this fork features 100mm travel, a 28.6mm straight steerer tube, 9mm quick release, and crown lockout. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Product Features

- **Specifications:** Mountain bike mechanical fork, 28.6 mm Threadless Straight Steerer, Crown Race: 30 mm; Manual Lockout, Travel: 100 mm; QR: 9 mm *100 mm, Brake type: Disc brakes, Offset: 36 mm; Tube Diameter: 32 mm.
- **Material:** Constructed from premium aluminum alloy and magnesium alloy for durability and performance.
- **Manual ABS Adjustment:** Allows manual adjustment of suspension softness and stiffness to suit various riding conditions.
- **Removable Sticker:** The "BUCKLOS" sticker is designed to be removable without leaving residue, allowing for customization.



Image 1: Overview of BUCKLOS MTB Suspension Fork features, including steerer tube diameter, quick release, travel, and disc brake mount.

3. Setup and Installation

Proper installation is crucial for the safety and performance of your suspension fork. If you are unsure about any steps, it is recommended to seek assistance from a qualified bicycle mechanic.

3.1 Steerer Tube Preparation

The steerer tube (28.6mm straight) must be cut to the correct length to fit your bicycle frame. Ensure the crown race (30mm) is properly seated at the base of the steerer tube.

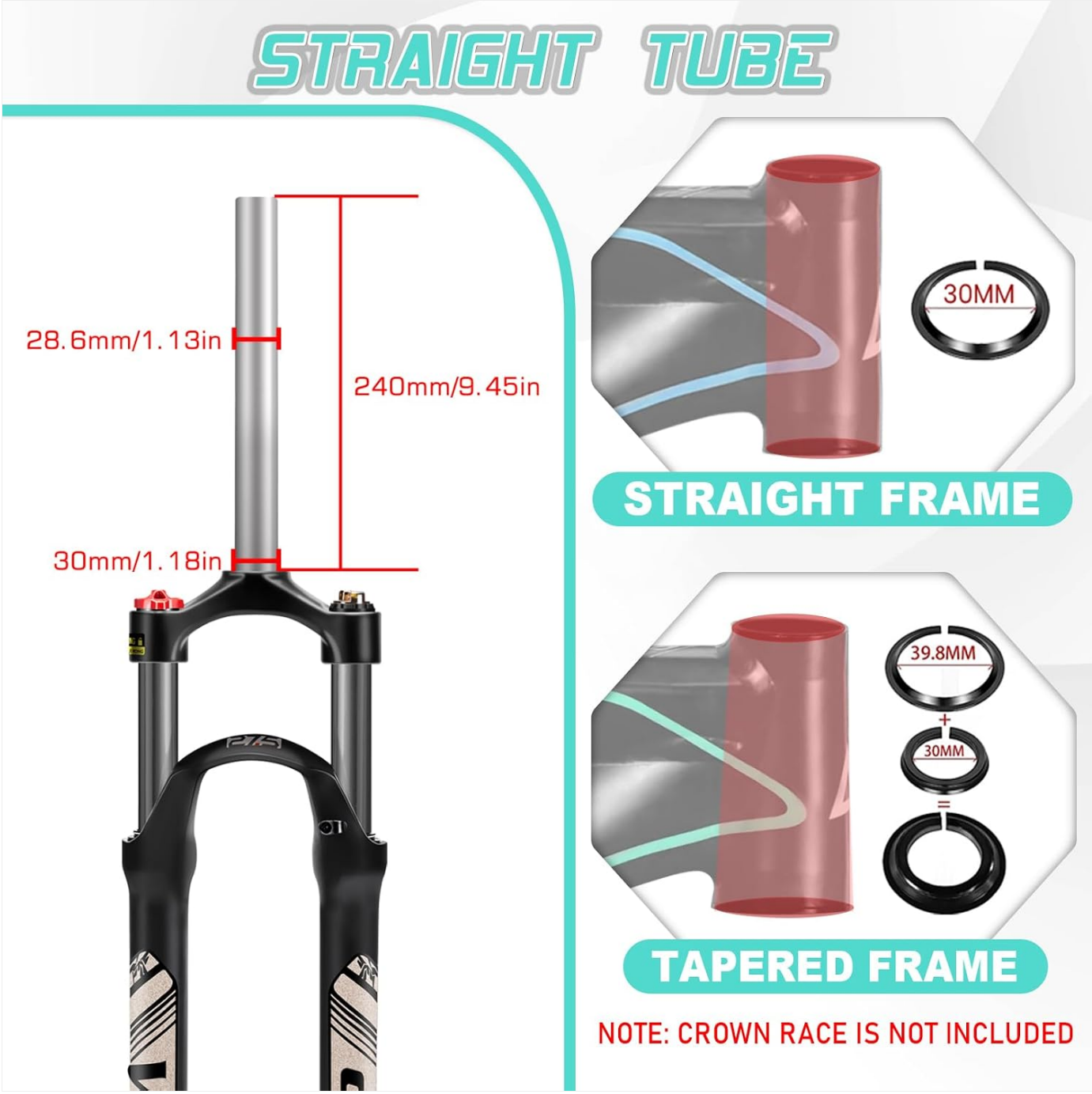


Image 2: Diagram illustrating the 28.6mm straight steerer tube dimensions and how it fits into a straight frame. Note: A crown race is not included for tapered frames.

3.2 Fork Sizing and Dimensions

Ensure you have selected the correct fork size (26", 27.5", or 29") for your bicycle. Refer to the dimensions below for proper fitment.



Image 3: Detailed fork size diagram showing various measurements for 26", 27.5", and 29" models, including steerer tube length, travel, and axle-to-crown measurements.

3.3 Disc Brake Installation

The fork supports disc brakes with a 74mm post mount standard. Ensure your disc brake caliper is compatible and installed securely.



Image 4: Close-up view of the disc brake mounting points (74mm) and the 9mm Quick Release (QR) dropout on the fork leg.

3.4 Installation Video Guide

For a visual guide on the installation process, please refer to the video below:

Your browser does not support the video tag.

Video 1: BUCKLOS MTB Suspension Fork Installation Guide. This video demonstrates the steps for installing the suspension fork onto a bicycle frame, including headset components.

4. Operating Instructions

Your BUCKLOS suspension fork is equipped with features to optimize your riding experience.

4.1 Lockout Function (ABS Adjustment)

The manual lockout feature allows you to adjust the suspension's stiffness. Turn the ABS adjustment knob to lock or unlock the suspension. Locking the suspension is useful for climbing or riding on smooth terrain to improve pedaling

efficiency. Unlocking provides full suspension travel for rough trails.

4.2 Preload Adjustment

The preload adjustment controls the initial compression of the spring. Adjusting the preload can fine-tune the fork's responsiveness to bumps and rider weight. Turn the preload knob to increase or decrease the spring's initial compression.



Image 5: Detailed view of the fork's function details, highlighting the lockout switch (ABS adjustment) and the preload adjustment knob.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your suspension fork.

- **Cleaning:** After each ride, especially in wet or muddy conditions, clean the stanchions (inner tubes) and seals with a soft cloth and mild soap and water. Avoid high-pressure washing directly at the seals.
- **Lubrication:** Apply a small amount of suspension-specific lubricant to the stanchions periodically to keep the seals

supple and reduce friction. Cycle the fork a few times after application.

- **Inspection:** Regularly check for any signs of damage, leaks, or excessive play in the fork. Ensure all bolts are tightened to the manufacturer's specifications.
- **Professional Service:** For internal service or complex repairs, it is recommended to consult a professional bicycle mechanic.

6. Troubleshooting

This section addresses common issues you might encounter with your suspension fork.

Problem	Possible Cause	Solution
Fork feels too stiff or too soft	Incorrect preload adjustment.	Adjust the preload knob (refer to Section 4.2).
Suspension not locking out	Lockout mechanism not fully engaged or damaged.	Ensure the lockout switch is fully turned. Inspect for damage; if damaged, seek professional service.
Unusual noises (creaking, clunking)	Loose components, lack of lubrication, or internal wear.	Check all bolts (axle, brake caliper, stem). Clean and lubricate stanchions. If noise persists, professional inspection is recommended.
Fork not returning to full travel	Stiction from dirty seals or internal issue.	Clean and lubricate stanchions and seals. If the problem continues, professional service may be required.

7. Specifications

Detailed technical specifications for the BUCKLOS MTB Suspension Fork.

Feature	Detail
Brand Name	BUCKLOS
Model Number	7007040400
Material	Aluminium, Magnesium
Steerer Tube Diameter	28.6 mm (1 1/8") Threadless Straight
Crown Race Diameter	30 mm
Travel	100 mm
Quick Release (QR)	9 mm x 100 mm
Brake Type	Disc Brakes (74mm Post Mount)
Offset	36 mm
Stanchion Tube Diameter	32 mm
Approximate Weight (26")	2598 g
Approximate Weight (27.5")	2619 g

Feature	Detail
Approximate Weight (29")	2647 g



Image 6: Weight measurements for the 26", 27.5", and 29" BUCKLOS suspension fork models.

8. Warranty and Support

For warranty information or technical support, please contact BUCKLOS customer service through the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.
For additional product information and usage scenarios, you may view the following video:

Your browser does not support the video tag.

Video 2: BUCKLOS Mountain Bike Fork Overview. This video provides a general overview of the mountain bike fork and its features.

© 2023 BUCKLOS. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question