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› XLC SP-S07 Suspension Seatpost 31.6mm, 350mm User Manual

XLC SP-S07

XLC SP-S07 Suspension Seatpost User Manual

Model: SP-S07 | Diameter: 31.6mm | Length: 350mm

INTRODUCTION

The XLC Comp SP-S07 Suspension Seatpost is designed to enhance riding comfort on various terrains. Featuring a 25mm travel, it effectively absorbs road irregularities, providing a smoother and more stable ride. The proven parallelogram system ensures a natural spring movement, reducing impact on your back. This seatpost is engineered for precise adaptation to both the rider and the ground conditions, with manual spring tension adjustment for optimal customization.

SAFETY INFORMATION

- Always ensure the seatpost is securely installed and tightened to the manufacturer's recommended torque specifications for your bicycle frame.
- Do not exceed the minimum insertion mark on the seatpost. Insufficient insertion can lead to frame or seatpost damage and serious injury.
- Regularly inspect the seatpost for any signs of damage, cracks, or wear. Replace immediately if any damage is found.
- Ensure that the saddle clamp bolts are tightened correctly to prevent saddle movement during riding.
- Adjust the spring tension only when the bicycle is stationary and stable.
- If you are unsure about installation or adjustment, consult a professional bicycle mechanic.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x XLC SP-S07 Suspension Seatpost

SETUP AND INSTALLATION

Proper installation is crucial for safety and performance. Ensure your bicycle frame's seat tube inner diameter matches the seatpost diameter (31.6mm).

1. **Prepare the Seat Tube:** Clean the inside of your bicycle's seat tube. Apply a thin layer of grease to the seatpost shaft for easier insertion and to prevent seizing.

2. **Insert the Seatpost:** Slide the XLC SP-S07 suspension seatpost into the seat tube. Ensure that the seatpost is inserted beyond the minimum insertion line marked on the shaft. Failing to do so can cause damage to the frame or seatpost and may lead to serious injury.
3. **Adjust Height:** Set the seatpost to your desired riding height.
4. **Secure the Seatpost:** Tighten the seatpost clamp bolt on your bicycle frame to the manufacturer's recommended torque specification. Do not overtighten, as this can damage the seatpost or frame.
5. **Install Saddle:** Attach your bicycle saddle to the seatpost's clamp mechanism. Ensure the saddle is level and securely fastened. Tighten the saddle clamp bolts according to the saddle manufacturer's specifications.



Image: The XLC SP-S07 Suspension Seatpost. This image displays the seatpost's main shaft, the parallelogram suspension mechanism, and the saddle clamping area. The black finish and robust construction are visible.

OPERATING INSTRUCTIONS

The XLC SP-S07 features a 25mm suspension travel and a parallelogram system for comfort. The suspension can be adjusted to suit your weight and riding preferences.

1. **Spring Tension Adjustment:** The seatpost allows for manual adjustment of the spring tension. Locate the adjustment mechanism, typically at the bottom or top of the seatpost. Use the appropriate tool (e.g., an Allen key) to turn the adjuster.
- Turning clockwise generally increases spring tension, making the suspension firmer for heavier riders or a less active feel.
 - Turning counter-clockwise generally decreases spring tension, making the suspension softer for lighter riders or a more active feel.
- Adjust in small increments and test the feel by sitting on the saddle and bouncing gently.
2. **Riding with Suspension:** The parallelogram system provides both horizontal and vertical damping, adapting to bumps and uneven surfaces. Allow the seatpost to absorb impacts naturally.

MAINTENANCE

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

- **Cleaning:** Keep the seatpost clean, especially the exposed shaft and parallelogram linkages. Wipe off dirt and grime with a damp cloth. Avoid using harsh chemicals that could damage seals or finishes.
- **Lubrication:** Periodically apply a small amount of appropriate lubricant (e.g., silicone spray or light grease) to the moving parts of the parallelogram mechanism and the exposed shaft to ensure smooth operation and prevent squeaking. Consult XLC's official guidelines if available for specific lubricant recommendations.
- **Inspection:** Regularly check all bolts (saddle clamp, seatpost clamp) for proper tightness. Inspect the seatpost for any signs of wear, cracks, or bending. Pay close attention to the suspension linkages and seals.
- **Storage:** When storing your bicycle for extended periods, ensure the seatpost is clean and dry.

TROUBLESHOOTING

If you encounter issues with your XLC SP-S07 Suspension Seatpost, refer to the following common problems and solutions:

- **Squeaking or Creaking Noise:**
 - Check if the seatpost clamp bolt is tightened to the correct torque.
 - Ensure saddle rails are clean and properly clamped.
 - Lubricate the parallelogram linkages and the exposed shaft.
 - Remove, clean, and re-grease the seatpost shaft before re-inserting into the frame.
- **Suspension Feels Too Stiff/Soft:**
 - Adjust the spring tension as described in the "Operating Instructions" section.
 - Ensure the seatpost is clean and lubricated, as dirt can impede movement.
- **Seatpost Slips Down:**
 - Ensure the seatpost clamp bolt is tightened to the correct torque.
 - Check if the seatpost diameter matches the frame's seat tube diameter.
 - Clean the inside of the seat tube and the seatpost shaft. Consider using carbon assembly paste if recommended for your frame material.

SPECIFICATIONS

Model Number	2502072511
Brand	XLC

Color	Black
Material	Synthetic
Item Weight	630 Grams
Product Dimensions (L x H)	32mm x 350mm (Diameter x Length)
Suspension Travel	25 mm
Suspension System	Parallelogram with MCU damping
Compatible Bike Type	Road Bike (also suitable for other bikes requiring this diameter)
Part Number	4055149431037
International Article Code (EAN)	04055149431037

WARRANTY INFORMATION

The XLC SP-S07 Suspension Seatpost comes with a warranty in accordance with legal provisions. For specific details regarding warranty claims, duration, and conditions, please refer to the official XLC website or contact your point of purchase. Keep your proof of purchase for any warranty-related inquiries.

SUPPORT

For further assistance, technical support, or spare parts, please contact XLC customer service or visit the official XLC website. You may also consult your local authorized XLC dealer for professional help and service.

Note: Always refer to the latest information provided by the manufacturer for the most accurate and up-to-date instructions and support.

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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.

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