

XLC SP-T13B

XLC All MTN Telescopic Seat Post SP-T13B Instruction Manual

Model: SP-T13B | Brand: XLC

1. INTRODUCTION

Thank you for choosing the XLC All MTN Telescopic Seat Post SP-T13B. This instruction manual provides essential information for the correct installation, operation, and maintenance of your new seat post. Please read this manual thoroughly before installation and keep it for future reference. This telescopic seat post is designed for mountain biking, offering adjustable seat height on the fly for optimal riding performance and comfort.

2. SAFETY INSTRUCTIONS

- Always ensure the seat post is inserted into the bicycle frame to at least the minimum insertion mark. Failure to do so can result in serious injury or damage to the frame and seat post.
- Do not exceed the maximum insertion mark.
- Ensure all bolts are tightened to the manufacturer's specified torque settings. Overtightening or undertightening can lead to component failure.
- Regularly inspect the seat post, remote lever, and cable for any signs of wear, damage, or corrosion. Replace damaged parts immediately.
- Keep hands and fingers clear of moving parts during operation.
- If you are unsure about any installation or maintenance procedure, consult a qualified bicycle mechanic.
- This product is designed for off-road cycling. Use in accordance with its intended purpose.

3. PARTS LIST

The XLC All MTN Telescopic Seat Post SP-T13B package typically includes the following components:

- XLC All MTN Telescopic Seat Post SP-T13B
- Remote lever "Blaster"
- Internal cable and housing for remote operation
- User Manual (this document)





Figure 1: Front view of the XLC All MTN Telescopic Seat Post SP-T13B. This image shows the main body of the seat post, including the saddle clamp mechanism at the top and the cable attachment point at the bottom. Markings for insertion depth are visible on the shaft.

4. SETUP AND INSTALLATION

4.1. Prepare Your Bicycle

- Ensure your bicycle frame has the correct seat tube diameter (30.9 mm for this model).
- Confirm your frame is compatible with internally routed dropper posts.
- Clean the inside of the seat tube to remove any dirt or debris.

4.2. Install the Seat Post

1. Apply a thin layer of assembly paste or grease to the lower portion of the seat post shaft.
2. Insert the seat post into the bicycle's seat tube. Ensure it is inserted beyond the minimum insertion line marked on the post. Do not exceed the maximum insertion line.
3. Tighten the seat collar clamp bolt to the torque specified by your bicycle frame manufacturer, typically between 5-7 Nm. **Do not overtighten.**





Figure 2: Side view of the XLC All MTN Telescopic Seat Post SP-T13B. This angle highlights the overall profile and the internal cable routing mechanism at the base. The saddle clamp is visible at the top.

4.3. Install the Remote Lever and Cable

The SP-T13B features internal cable routing (ICR) and comes with a "Blaster" remote lever.

1. Mount the "Blaster" remote lever on your handlebar in a comfortable and accessible position. Ensure

it does not interfere with brake levers or shifters. Tighten the clamp bolt to the manufacturer's recommended torque.

2. Route the inner cable and outer housing from the remote lever through your bicycle frame to the base of the seat post. Follow your frame's internal routing guides.
3. Attach the inner cable to the actuation mechanism at the bottom of the seat post. Ensure there is no excessive slack in the cable, but also no tension when the post is fully extended. Trim excess cable and crimp an end cap onto the cable end.
4. Test the remote lever to ensure smooth operation of the seat post.

5. OPERATION

The XLC All MTN Telescopic Seat Post allows for quick and easy saddle height adjustment while riding.

5.1. Extending the Seat Post

- To extend the seat post, lightly press the remote lever while unweighted from the saddle. The seat post will extend to its maximum height (150 mm hub).

5.2. Lowering the Seat Post

- To lower the seat post, press and hold the remote lever while applying weight to the saddle. Release the lever when the desired height is reached.

Note: The seat post can be stopped at any point within its travel range by releasing the remote lever.

6. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your XLC telescopic seat post.

- **Cleaning:** After each ride, especially in wet or muddy conditions, clean the exposed shaft of the seat post with a soft cloth and mild soap and water. Avoid using high-pressure washers directly on the seals.
- **Lubrication:** Apply a small amount of silicone-based lubricant to the exposed shaft and wiper seal periodically to keep it supple and prevent dirt ingress. Do not use petroleum-based lubricants as they can damage seals.
- **Cable Inspection:** Regularly check the remote cable and housing for kinks, fraying, or corrosion. Replace if necessary to maintain smooth operation.
- **Bolt Torque:** Periodically check the torque of the saddle clamp bolts and seat collar clamp bolt. Refer to the specified torque values.
- **Air-Oil Cartridge:** The air-oil cartridge is a sealed unit. If you experience issues with the damping or return speed, it may indicate a need for service or replacement of the cartridge. This should be performed by a qualified mechanic or service center. Do not attempt to disassemble the cartridge yourself.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Seat post does not extend or retract smoothly.	<ul style="list-style-type: none"> • Cable tension too loose or too tight. • Dirty or damaged cable/housing. • Seat collar overtightened. • Low air pressure in cartridge (if applicable). 	<ul style="list-style-type: none"> • Adjust cable tension. • Clean or replace cable and housing. • Loosen seat collar slightly (ensure it's still secure). • Consult a service center for cartridge inspection.
Seat post sags when weighted.	<ul style="list-style-type: none"> • Internal air-oil cartridge issue. 	<ul style="list-style-type: none"> • Contact a qualified mechanic or XLC service center for cartridge service or replacement.
Remote lever feels stiff or unresponsive.	<ul style="list-style-type: none"> • Dirty or corroded cable/housing. • Lever mechanism dirty. 	<ul style="list-style-type: none"> • Clean or replace cable and housing. • Clean the remote lever mechanism.

8. SPECIFICATIONS

Feature	Detail
Model	SP-T13B
Manufacturer Part Number	2502069826
Material	6061-T6 Aluminum
Diameter	30.9 mm
Length	459 mm
Travel (Hub)	150 mm
Control	Remote lever "Blaster" (Internal Cable Routing - ICR)
Cartridge Type	Air-oil (replaceable)
Item Weight	535 Grams
Color	Black

9. WARRANTY AND SUPPORT

XLC products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty policy provided with your purchase or visit the official XLC website. In case of technical issues or questions not covered in this manual, please contact your authorized XLC dealer or the XLC customer

support for assistance.

Please retain your proof of purchase for warranty claims.