

**XLC 2502080030**

# XLC Suspension Dropper SP-S13 Instruction Manual

*Model: 2502080030*

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your XLC Suspension Dropper SP-S13. Designed for enhanced cycling performance, this high-quality dropper seatpost offers quick height adjustment and robust construction for a comfortable and dynamic riding experience. Please read this manual thoroughly before use to ensure proper function and safety.

## SAFETY INFORMATION

- Always wear appropriate safety gear when working on your bicycle.
- Ensure all bolts and clamps are tightened to the manufacturer's specified torque settings. Overtightening or undertightening can lead to component failure.
- If you are unsure about any installation step, consult a professional bicycle mechanic.
- Keep hands and fingers clear of moving parts during operation.
- Regularly inspect the dropper post for any signs of wear, damage, or loose connections.

## PRODUCT OVERVIEW



**Figure 1:** The XLC Suspension Dropper SP-S13, showing the main seatpost body, the saddle clamp mechanism at the top, and the external cable remote lever for activation. The post features measurement markings along its length.

The XLC Suspension Dropper SP-S13 is an externally routed dropper seatpost designed for quick and convenient saddle height adjustment while riding. It features a robust aluminum construction and a 100mm travel range, making it suitable for various riding conditions and terrains. The package includes the dropper post and its remote lever with an external cable.

## SETUP AND INSTALLATION

---

1. **Prepare Your Bicycle:** Ensure your bicycle is stable, preferably in a repair stand. Remove your existing seatpost.

2. **Measure and Cut Cable:** Route the external cable from the handlebar remote lever to the dropper post's activation mechanism. Measure the required cable length, ensuring enough slack for handlebar movement without excessive loops. Cut the cable and housing to the appropriate length.
3. **Install Remote Lever:** Mount the remote lever on your handlebar in a comfortable and accessible position. Secure it firmly but do not overtighten.
4. **Connect Cable to Dropper Post:** Connect the cable to the dropper post's activation mechanism at the base of the post. Follow the specific instructions provided with the dropper post for precise cable attachment and tensioning.
5. **Insert Dropper Post:** Apply a thin layer of grease to the lower part of the dropper post (the part that inserts into the frame). Insert the dropper post into your bicycle's seat tube. Ensure the post is inserted to at least the minimum insertion mark.
6. **Adjust Saddle Height:** Adjust the overall saddle height to your preferred riding position. Tighten the seatpost clamp to the bicycle manufacturer's recommended torque specification.
7. **Install Saddle:** Mount your bicycle saddle onto the dropper post's saddle clamp. Adjust the saddle angle and fore/aft position as desired, then tighten the saddle rail bolts securely.
8. **Test Functionality:** Before riding, test the dropper post's operation. Press the remote lever to lower the post and release it to allow the post to extend. Ensure smooth and consistent movement.

## OPERATING INSTRUCTIONS

---

The XLC Suspension Dropper SP-S13 is operated via a handlebar-mounted remote lever. To adjust the saddle height:

- **To Lower the Saddle:** While seated on the saddle, press and hold the remote lever. The saddle will begin to lower. Release the lever at your desired height to lock the post in position.
- **To Raise the Saddle:** With your weight off the saddle, press and hold the remote lever. The saddle will extend to its full height. Release the lever to lock it. You can also press the lever and gently lift the saddle with your hand to assist its return if needed, though it should extend automatically.

The 100mm travel allows for significant height adjustment, beneficial for technical descents, climbs, and general riding comfort.

## MAINTENANCE

---

- **Cleaning:** Regularly clean the exposed stanchion (the shiny upper part of the post) with a soft, clean cloth and mild soap and water. Avoid harsh chemicals or abrasive cleaners.
- **Lubrication:** Apply a small amount of suspension-specific lubricant or silicone spray to the stanchion and wiper seal area periodically to keep it running smoothly. Wipe off any excess.
- **Cable Inspection:** Check the remote cable and housing for fraying, kinks, or corrosion. Replace if necessary to ensure smooth operation.
- **Bolt Torque:** Periodically check the torque of the saddle clamp bolts and the seatpost clamp bolt to ensure they are tightened to specifications.
- **Professional Service:** For internal maintenance or if you experience persistent issues, it is recommended to have the dropper post serviced by a qualified bicycle mechanic.

## TROUBLESHOOTING

---

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Post does not lower or raise smoothly.	Cable tension too loose/tight, dirty stanchion/seal, internal issue.	Adjust cable tension. Clean and lubricate stanchion. If problem persists, seek professional service.
Post sags when weighted.	Loss of air pressure (if applicable), internal seal failure.	Check air pressure (refer to manufacturer's specific instructions if applicable). Professional service required for seal issues.
Remote lever feels stiff or unresponsive.	Friction in cable/housing, damaged cable.	Lubricate cable or replace cable and housing.

## SPECIFICATIONS

- Brand:** XLC
- Model:** SP-S13
- Model Number:** 2502080030
- Material:** Aluminum
- Color:** Black
- Diameter:** 31.6 mm
- Length:** 352 mm
- Travel:** 100 mm
- Cable Routing:** External
- Included Components:** Suspension Dropper (Seatpost), Remote Lever, External Cable

## WARRANTY AND SUPPORT





For warranty information, please refer to the terms and conditions provided by XLC or your authorized retailer at the time of purchase. Keep your proof of purchase for any warranty claims.

For technical support or service inquiries, please contact your local XLC dealer or the retailer from whom you purchased the product. They can provide assistance with troubleshooting, parts, and professional servicing.



© 2023 XLC. All rights reserved. Information in this manual is subject to change without notice.

### Related Documents

 	<p><a href="#">XLC Yamaha Range Extender FAQ and Compatibility Guide</a></p> <p>Comprehensive guide to connecting, removing, and troubleshooting the XLC Yamaha Range Extender (360Wh, B44E2019F), including compatibility information for Haibike and Winora e-bikes.</p>
	<p><a href="#">How to Find Your Perfect Bicycle Saddle</a></p> <p>A guide to measuring your sitting bones and determining the correct saddle width and position for optimal cycling comfort, with instructions from XLC.</p>
	<p><a href="#">XLC Mono Kids Trailer BS-C09 User Manual</a></p> <p>Comprehensive user manual for the XLC Mono Kids Trailer BS-C09, detailing assembly instructions, safety guidelines, operational procedures, maintenance tips, and features for safe child transportation.</p>

Documents - XLC – 2502080030



[\[pdf\]](#) User Manual Instructions Frequently Asked Questions

Instructions d utilisationXLC Suspension Dropper SP S13 Ø 31 6 mm 352 Stroke 100 External cable 2502080030 Amazon fr Sports OutdoorsA1hw3t2dsjLm media amazon images I A1hw3t2dsjL ref dp product quick view |||

MANUAL DROPPER POST SUSPENSION DROPPER POST INHALT: BETRIEBS- UND MONTAGEANLEITUNG DE 1. Allgemeine Hinweise, Sicherheit 2. Lieferumfang 3. Erforderliche Werkzeuge 4. Modell-Typen 5. Informationen zur Sattelsttze 6. Einbau der Sattelsttze 7. Einbau des Kabels 8. Sattel Montage 9....

lang:de score:26 filesize: 1.93 M page\_count: 32 document date: 2023-03-06