

[Manuals.plus](#) /

> [RockShox](#) /

> RockShox XC30 27.5 inch 100 mm XSoft Silver Spring Internals User Manual

RockShox XC30 27.5 inch 100 mm XSoft Silver (Part No. 11.4018.010.092)

RockShox XC30 27.5 inch 100 mm XSoft Silver Spring Internals User Manual

Model: XC30 27.5 inch 100 mm XSoft Silver (Part No. 11.4018.010.092)

1. PRODUCT OVERVIEW

The RockShox XC30 27.5 inch 100 mm XSoft Silver Spring Internals are designed to optimize the suspension performance of your XC mountain bike. This component provides precise damping and reliable performance, enhancing shock absorption for a smoother ride across varied terrains. Featuring innovative X-Soft coil technology, it offers a softer spring rate, maximizing comfort and traction, particularly beneficial for lighter riders or those seeking increased plushness on challenging climbs and rapid descents. It is compatible with 27.5 inch and 29 inch wheel sizes and provides 100mm of travel.



Figure 1: RockShox XC30 27.5 inch 100 mm XSoft Silver Spring Internals. This image shows the coil spring component, typically silver in color, designed for bicycle fork suspension systems.

2. SETUP AND INSTALLATION

Installation of fork spring internals requires specific tools and mechanical knowledge. It is highly recommended that installation be performed by a qualified bicycle mechanic or an authorized RockShox service center to ensure proper function and safety.

2.1 Safety Precautions

- Always wear appropriate safety gear, including eye protection.
- Ensure the bicycle is securely mounted in a repair stand.
- Refer to the official RockShox service manual for your specific fork model for detailed, step-by-step instructions.
- Do not attempt installation if you are unsure of any steps. Improper installation can lead to serious injury or damage to the product.

2.2 General Installation Steps (Consult Official Manual for Details)

1. **Prepare the Fork:** Remove the fork from the bicycle. Clean the exterior thoroughly.
2. **Release Air Pressure:** If applicable, ensure all air pressure is released from the fork.
3. **Remove Top Cap:** Carefully remove the top cap from the left stanchion using the correct tool.
4. **Extract Old Spring:** Remove the existing spring assembly from the fork leg. Note the orientation of all components.
5. **Install New Spring:** Insert the new RockShox XC30 XSoft Silver Spring Internals into the fork leg. Ensure it seats correctly.
6. **Reinstall Top Cap:** Reinstall the top cap, ensuring proper torque specifications are met as per the official service manual.
7. **Reassemble Fork:** Reinstall the fork onto the bicycle, ensuring all bolts are tightened to their specified torque values.

3. OPERATING CONSIDERATIONS

The XSoft Silver Spring Internals are designed to provide a softer spring rate compared to standard or firm springs. This results in:

- **Enhanced Comfort:** The softer spring absorbs small bumps and trail chatter more effectively, reducing rider fatigue.
- **Improved Traction:** The wheel is better able to follow the contours of the ground, maintaining contact and improving grip.
- **Rider Weight Optimization:** This spring is particularly suitable for lighter riders who find standard springs too stiff, allowing them to achieve full travel and optimal suspension performance.

After installation, perform a few test rides on familiar terrain to assess the new feel of your suspension. Adjust other fork settings (e.g., rebound damping) as needed to complement the softer spring rate.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your RockShox spring internals and fork.

- **Regular Cleaning:** Keep the exterior of your fork clean, especially the stanchions, to prevent dirt and debris from entering the seals.
- **Seal Inspection:** Periodically inspect the fork seals for any signs of wear, cracking, or oil leakage. Worn seals can compromise performance and allow contaminants inside.
- **Service Intervals:** Adhere to RockShox's recommended service intervals for your specific fork model. This typically includes lower leg service (oil and wiper seal replacement) and full damper/spring service. While the coil spring itself requires minimal maintenance, the surrounding components do.
- **Professional Service:** For comprehensive service beyond basic cleaning, consult a certified RockShox service center.

5. TROUBLESHOOTING

If you experience issues after installing the XSoft Silver Spring Internals, consider the following:

- **Fork Feels Too Soft/Bottoms Out Easily:**
 - *Check Rider Weight:* Ensure the XSoft spring is appropriate for your weight. If you are heavier than intended for an XSoft spring, you may need a Medium or Firm spring.
 - *Check Installation:* Verify that all components were installed correctly and that the top cap is properly torqued.
 - *Rebound Damping:* Adjust rebound damping to prevent the fork from compressing too quickly or packing up.
- **Unusual Noises (Creaking, Clunking):**
 - *Check Installation:* Ensure the spring is seated correctly and not binding.

- *Lubrication:* Verify that appropriate grease or oil was used during assembly as specified in the service manual.
- *Other Fork Components:* Noises might originate from other parts of the fork or headset. Isolate the source.

- **Reduced Travel:**

- *Check for Obstructions:* Ensure no foreign objects are impeding spring movement.
- *Proper Assembly:* Confirm all internal components are correctly assembled according to the service manual.

If troubleshooting steps do not resolve the issue, contact a certified RockShox service center or a professional bicycle mechanic for assistance.

6. SPECIFICATIONS

Feature	Specification
Brand	RockShox
Model Name	XC30 27.5 inch 100 mm XSoft Silver Spring Internals
Part Number	11.4018.010.092
Style	Coil Springs & Parts
Vehicle Service Type	Bicycle
Material	Multi
Item Weight	7.04 ounces
Travel	100 mm
Spring Rate	XSoft

7. WARRANTY AND SUPPORT

7.1 Limited Warranty

This RockShox product is covered by a Limited Warranty. The terms and conditions of this warranty typically cover manufacturing defects in materials and workmanship. For specific details regarding the duration and coverage of your warranty, please refer to the warranty information provided with your original fork purchase or visit the official RockShox website.

7.2 Customer Support

For technical assistance, warranty claims, or service inquiries, please contact RockShox customer support or visit their official website. You can often find detailed service manuals, FAQs, and contact information on their support pages.

RockShox Official Website: <https://www.sram.com/en/rockshox>