

## RockShox 00.4020.555.011

# RockShox Judy Silver TK Suspension Fork User Manual

Model: 00.4020.555.011

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your RockShox Judy Silver TK Suspension Fork. Please read these instructions thoroughly before use to ensure optimal performance and safety. This fork is designed for mountain biking applications and features a 27.5-inch wheel compatibility and 120mm of travel.

## KEY FEATURES

- **Motion Control RL Damper:** Provides adjustable compression and rebound damping for varied terrain.
- **Fast Black Upper Tubes:** Enhances durability and reduces friction for smooth suspension action.
- **External Rebound Adjustment:** Allows fine-tuning of the fork's return speed.
- **TurnKey Lockout Control:** Enables locking the fork for efficient climbing or smooth surfaces.
- **Plus Tire Compatibility:** Accommodates tires up to 2.8 inches wide.
- **Air Spring System:** Utilizes an air spring for adjustable sag and ride feel.

## SETUP AND INSTALLATION

Proper installation is crucial for safety and performance. If you are unsure about any step, consult a qualified bicycle mechanic.

1. **Steerer Tube Preparation:** Measure and cut the steerer tube to the appropriate length for your bicycle frame and stem. Deburr the edges.
2. **Star Nut Installation:** Install the star nut into the steerer tube using a star nut setting tool.
3. **Crown Race Installation:** Install the crown race onto the steerer tube, ensuring it is fully seated against the fork crown.
4. **Fork Installation:** Insert the steerer tube through the head tube of your bicycle frame. Install headset components, spacers, and stem according to your bicycle manufacturer's instructions.

5. **Brake Caliper Installation:** Mount your disc brake caliper to the fork's post mounts. Ensure proper alignment and torque specifications are met.
6. **Wheel Installation:** Install the front wheel, ensuring the axle is securely fastened.
7. **Air Pressure Adjustment:** Adjust the air pressure in the fork's air spring chamber to achieve the recommended sag for your weight and riding style. Refer to the air pressure guide (often found on the fork leg or in a separate RockShox manual).
8. **Rebound Adjustment:** Set the rebound damping to control the fork's return speed. Start with a middle setting and adjust based on trail conditions and personal preference.



Image: Front view of the RockShox Judy Silver TK Suspension Fork, showcasing its black finish and design.

## OPERATING INSTRUCTIONS

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### Air Spring Adjustment

The air spring allows you to fine-tune the fork's stiffness. Use a high-pressure shock pump to add or release air through the Schrader valve located on the top of the left fork leg. Adjust pressure to achieve the desired sag (the amount the fork compresses under your body weight).

### Rebound Adjustment

The rebound knob, typically located at the bottom of the right fork leg, controls how quickly the fork extends after compression. Turn the knob towards the '+' (turtle) for slower rebound or towards the '-' (rabbit) for faster rebound. Adjust based on terrain; slower rebound for rougher terrain, faster for smoother trails.

### TurnKey Lockout

The TurnKey lockout lever, located on the top of the right fork leg, allows you to lock out the fork's travel. This is useful for climbing or riding on smooth surfaces to improve pedaling efficiency. Turn the lever to the 'locked' position to engage the lockout and to the 'unlocked' position to disengage. The TurnKey system features a blow-off valve that will open in case of a significant impact while locked, preventing damage.

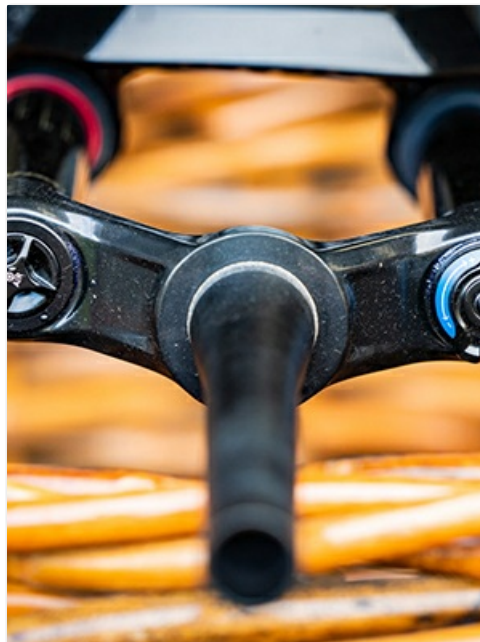


Image: Close-up view of the fork crown, showing the air valve cap and lockout lever for adjustments.

## MAINTENANCE

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

- **Cleaning:** After each ride, clean the upper 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 upper tubes periodically to keep seals supple and reduce friction.
- **Air Pressure Check:** Check air pressure before every ride and adjust as necessary.
- **Service Intervals:** RockShox recommends regular service intervals, typically every 50 hours of riding or annually, for lower leg service and damper service. Refer to the official RockShox service manual for detailed instructions or consult a certified service center.
- **Inspection:** Regularly inspect the fork for any signs of damage, leaks, or loose components.

## TROUBLESHOOTING

Issue	Possible Cause	Solution
Fork feels too stiff	Too much air pressure; rebound set too slow.	Reduce air pressure; increase rebound speed.
Fork feels too soft / bottoms out easily	Too little air pressure.	Increase air pressure.
Fork makes squishing noises	Normal damper operation; low oil level (less common).	Usually normal. If excessive or performance degrades, consult a service center.
Lockout not engaging fully	Cable tension (if remote lockout); internal damper issue.	Check cable tension. If issue persists, seek professional service.

For more detailed troubleshooting, refer to the official RockShox service manual or contact RockShox customer support.

## SPECIFICATIONS

Feature	Detail
Model Name	00.4020.555.011
Wheel Size	27.5 inches
Travel	120 mm
Axle Type	9 x 100 mm (Quick Release)
Offset	42 mm
Color	Gloss Black
Damper	Motion Control RL
Spring	Solo Air
Upper Tube Finish	Fast Black
Material	Aluminum
Item Weight	6.9 Pounds (approx. 3.13 kg)
Package Dimensions	36.6 x 9.5 x 4.6 inches

## WARRANTY AND SUPPORT

The RockShox Judy Silver TK Suspension Fork comes with a **Limited Warranty**. For specific terms and conditions, please refer to the warranty documentation included with your product or visit the official RockShox website.

For technical support, service, or to locate an authorized service center, please visit the [official RockShox website](#) or contact their customer service department.



Front view of the RockShox Judy Silver TK Suspension Fork, highlighting its overall design and black finish.



Close-up view of the fork crown, showing the air valve cap and lockout lever for adjustments.