

Spinner 300

Spinner 300 24" Suspension Fork User Manual

Model: 300 | Brand: Spinner | Part Number: SP2683

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Spinner 300 24" Suspension Fork. Please read this manual thoroughly before installation and use to ensure safety and optimal performance. Retain this manual for future reference.

2. PRODUCT OVERVIEW

The Spinner 300 is a high-performance 24-inch suspension fork designed for cycling, featuring 100mm of travel and a convenient remote lockout system. It is constructed with durable aluminum components and is compatible with disc brakes (Post Mount).

Key Features:

- **Wheel Size:** 24 inch
- **Travel:** 100mm
- **Steerer Tube Diameter:** 1-1/8" (28.6mm)
- **Spring Type:** Coil
- **Brake Compatibility:** Disc only (Post Mount)
- **Lockout:** Remote Lock-out system
- **Material:** Aluminum (Crown, Lower, Stanchion AL7050)
- **Color:** White
- **Weight:** Approximately 2562g



Figure 1: Spinner 300 Suspension Fork with remote lockout components. The fork is white with black stanchions and a black steerer tube. The remote lockout lever and cable are shown separately.

3. SETUP AND INSTALLATION

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

3.1 Tools Required:

- Hex key set
- Torque wrench
- Star nut setting tool (if steerer tube is uncut)
- Crown race setting tool
- Cable cutters
- Grease

3.2 Installation Steps:

1. **Prepare the Steerer Tube:** If the steerer tube is too long for your frame, measure carefully and cut it to the appropriate length, allowing for headset stack height and stem. Deburr the edges. Install the star nut into the steerer tube.
2. **Install Crown Race:** Press the crown race onto the base of the steerer tube until it seats firmly against the fork crown.
3. **Install Fork into Frame:** Insert the steerer tube through the head tube of your bicycle frame. Install the headset bearings, spacers, and stem according to your headset manufacturer's instructions.

4. **Secure Stem:** Tighten the top cap bolt to preload the headset bearings, then align the stem with the front wheel and tighten the stem clamp bolts to the manufacturer's specified torque.
5. **Install Front Wheel:** Mount your front wheel into the fork dropouts. Ensure the quick release or thru-axle is properly secured.
6. **Install Disc Brake Caliper:** Attach your disc brake caliper to the Post Mount tabs on the fork lower. Ensure proper alignment and tighten bolts to manufacturer specifications.
7. **Install Remote Lockout:**
 - Mount the remote lockout lever onto your handlebar in a comfortable position.
 - Route the lockout cable from the lever to the lockout mechanism on the fork crown. Ensure the cable routing does not interfere with steering or other controls.
 - Connect the cable to the fork's lockout mechanism and adjust tension according to the fork's instructions to ensure smooth operation and full engagement/disengagement.



Figure 2: Remote lockout components including the lever, cable, and housing. These are essential for controlling the fork's suspension from the handlebar.





Figure 3: Front view of the Spinner 300 suspension fork, highlighting the white lowers and black stanchions.

4. OPERATING INSTRUCTIONS

4.1 Remote Lockout Function:

The remote lockout system allows you to quickly switch the fork's suspension between an active (open) and locked (closed) position directly from your handlebar.

- **Engage Lockout:** Press the lever on your handlebar to engage the lockout. This will stiffen the fork, reducing suspension movement. This is useful for climbing or riding on smooth surfaces to improve pedaling efficiency.

- **Disengage Lockout:** Press the release button or lever (depending on your specific remote design) to disengage the lockout. The fork will return to its active suspension state, absorbing bumps and impacts. This is ideal for descending or riding on rough terrain.

Warning: Do not attempt to engage or disengage the lockout while riding at high speed or in technical terrain, as this could lead to loss of control.





Figure 4: Side view of the Spinner 300 fork, showing the lockout mechanism on the crown. The remote cable connects to this dial.

5. MAINTENANCE

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

5.1 After Each Ride:

- Wipe down the stanchions with a clean, soft cloth to remove dirt and debris.
- Inspect for any visible damage, leaks, or loose bolts.

5.2 Monthly / Every 20-30 Hours of Riding:

- Clean the entire fork thoroughly with mild soap and water. Avoid high-pressure washers directly on seals.
- Check all bolts (crown, brake caliper, axle) for proper torque.
- Inspect dust seals for cracks or wear.
- Check for any play in the bushings.

5.3 Annually / Every 100 Hours of Riding:

- Full service, including lower leg removal, cleaning, and replacement of bath oil and dust seals. This service is recommended to be performed by a qualified bicycle mechanic.
- Inspect the remote lockout cable and housing for wear and replace if necessary.



Figure 5: Angled view of the Spinner 300 fork, showing the overall design and the top of the steerer tube.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fork feels too stiff or doesn't move	Lockout engaged; insufficient lubrication; damaged spring.	Disengage lockout. Perform lower leg service. Consult a mechanic for spring inspection.
Fork feels too soft or bottoms out easily	Damaged spring; incorrect spring rate for rider weight.	Consult a mechanic for spring inspection or replacement with appropriate spring rate.
Remote lockout not working	Cable tension incorrect; cable frayed or stuck; lockout mechanism dirty or damaged.	Adjust cable tension. Inspect and replace cable/housing if necessary. Clean or inspect lockout mechanism.
Creaking noises from fork	Loose headset; loose crown race; dry bushings.	Check headset preload and stem bolts. Re-seat crown race. Perform lower leg service.
Oil leaking from seals	Damaged or worn dust seals/foam rings.	Replace dust seals and foam rings. Perform lower leg service.



Figure 6: Bottom view of the Spinner 300 fork, showing the disc brake post mounts on the lower leg.

7. SPECIFICATIONS

Feature	Detail
Model	Spinner 300 (SP2683)
Wheel Size Compatibility	24 inch
Travel	100mm
Steerer Tube Diameter	1-1/8" (28.6mm)
Steerer Tube Length	265mm
Spring Type	Coil
Stanchion Diameter	30mm (AL7050)
Crown Material	Cold Forging AL6061
Lower Material	Alloy
Brake Compatibility	Disc only (Post Mount)
O.L.D. Spacing	100mm
Lockout	Remote Lock-out
Color	White
Weight	Approx. 2562g

Feature	Detail
Origin	Made in Taiwan



Figure 7: Top view of the fork crown, showing the steerer tube and the top of the stanchions.

8. WARRANTY INFORMATION

The Spinner 300 Suspension Fork comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage resulting from improper installation, misuse, neglect, accidents, alterations, or normal wear and tear. To make a warranty claim, please retain your proof of purchase and contact the retailer or manufacturer's authorized service center.



Figure 8: Angled view of the Spinner 300 fork, showcasing the "300" model designation on the white lower leg.

9. SUPPORT AND CONTACT

For further assistance, technical support, or inquiries regarding your Spinner 300 Suspension Fork, please refer to the following resources:

- **Retailer:** Contact the store or online vendor where you purchased the product.
- **Manufacturer:** Visit the official Spinner website for product information, FAQs, and contact details.
- **Professional Mechanic:** For complex installation or service, consult a certified bicycle mechanic.