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› RockShox SID Ultimate Race Day 2 Suspension Fork User Manual

RockShox 00.4020.957.000

RockShox SID Ultimate Race Day 2 Suspension Fork User Manual

Model: 00.4020.957.000

1. INTRODUCTION

The RockShox SID Ultimate Race Day 2 Suspension Fork is engineered for high-performance cross-country riding. It features a lightweight 35mm chassis and the advanced Charger Race Day 2 3P damper, offering precise control and responsiveness. This manual provides instructions for proper installation, adjustment, and care to ensure optimal performance and longevity of your suspension fork.

2. SETUP

2.1 Initial Installation

Ensure the fork is correctly installed onto your bicycle frame. This fork features a 1.5-inch tapered steerer tube, 15x110mm Boost thru-axle compatibility, and a 44mm offset. Bolt-in torque cap adapters are included for use with standard hub end caps, facilitating compatibility with various wheelsets.



Image 1: Side view of the RockShox SID Ultimate Race Day 2 Suspension Fork, highlighting the overall structure and branding.

2.2 Air Pressure Adjustment (DebonAir+)

The DebonAir+ air spring system provides enhanced small-bump sensitivity and mid-stroke support. To set the sag and air pressure:

1. Locate the air valve on the top of the left fork leg.
2. Consult the air pressure guide (typically found on the fork leg or RockShox website) for recommended pressure based on rider weight.
3. Use a high-pressure shock pump to add or release air until the desired pressure is reached.
4. Set sag by sitting on the bike in your riding position and measuring the compression of the fork. Adjust air pressure until sag is within the recommended range (typically 15-25% of total travel).

2.3 Damper Settings (Charger Race Day 2 3P)

The Charger Race Day 2 3P damper offers three compression positions:

- **Open:** Provides maximum sensitivity and plushness for rough terrain.
- **Pedal:** Offers increased compression damping for efficient pedaling on smoother trails and climbs.
- **Lockout:** Provides a firm platform for climbing or sprinting on paved surfaces.

Adjust the blue compression dial on the top of the right fork leg to select the desired mode. The red rebound dial, located at the bottom of the right fork leg, controls the speed at which the fork extends after compression. Adjust to your preference for control and comfort.



Image 2: Front view of the RockShox SID Ultimate Race Day 2 Suspension Fork, showing the crown and lower legs.

3. OPERATING

Before each ride, ensure your fork is functioning correctly. Check air pressure, confirm the thru-axle is securely tightened, and verify that the compression and rebound adjustments are set for the terrain you will be riding. Experiment with the three compression positions (Open, Pedal, Lockout) to find the optimal setting for varying trail conditions and riding styles.

4. MAINTENANCE

4.1 Cleaning

After each ride, clean the exterior of the fork, especially the stanchions (upper tubes), with mild soap and water. Wipe dry with a soft cloth. Avoid using high-pressure washers directly on seals, as this can force water and contaminants into the fork.

4.2 Regular Service

Regular service is crucial for maintaining performance and extending the life of your fork. RockShox recommends periodic lower leg services and full damper/air spring services. Refer to the official RockShox service manuals or consult a certified bicycle mechanic for detailed service intervals and procedures. The updated bushing package maximizes bushing overlap, reducing friction and contributing to a smoother ride, but proper lubrication is still essential.

5. TROUBLESHOOTING

If you experience issues with your SID Ultimate fork, consider the following:

- **Loss of Air Pressure:** Check the air valve for proper sealing. Ensure the valve core is tight. If pressure loss persists, a seal service may be required.
- **Poor Performance/Harsh Ride:** Verify air pressure and sag settings. Adjust rebound damping. Ensure the compression dial is not in the Lockout position if you desire full travel.
- **Excessive Play/Knocking:** Check headset adjustment. Ensure thru-axle is properly tightened. If the issue persists, internal components may require inspection by a qualified mechanic.

For complex issues, it is recommended to contact RockShox customer support or visit an authorized service center.

6. SPECIFICATIONS

Feature	Specification
Model Name	SID Ultimate Race Day 2
Wheel Size	29 inches
Travel	120 mm
Axle Type	15 x 110 mm Boost Thru-Axle
Offset	44 mm
Steerer Tube	1.5 inch Tapered

Damper	Charger Race Day 2 3P (Open, Pedal, Lockout)
Air Spring	DebonAir+
Chassis Diameter	35 mm
Weight	Approximately 6 Pounds (2.72 kg)
Manufacturer Part Number	00.4020.957.000

7. WARRANTY AND SUPPORT

This RockShox product is covered by a Limited Warranty. For specific warranty terms, conditions, and registration information, please refer to the official RockShox website or the documentation provided with your purchase. For technical support, service, or to locate an authorized service center, visit the [RockShox official website](#).
