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RockShox RS573000

RockShox DebonAir C1 Seal Head Upgrade Kit

Model: RS573000

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your RockShox DebonAir C1 Seal Head Upgrade Kit. This kit is designed to enhance the performance of compatible 35mm mountain bike forks by improving air spring efficiency and seal longevity.

Please read these instructions thoroughly before proceeding with installation to ensure proper function and to prevent damage to your suspension components.

PRODUCT OVERVIEW

The RockShox DebonAir C1 Seal Head Upgrade Kit is engineered to improve the ride quality of your mountain bike. It features advanced DebonAir technology, which reduces stiction and increases air spring efficiency. This results in a smoother, more sensitive suspension feel, especially over small bumps, while maintaining a higher riding height for increased confidence in technical terrain.

The kit includes durable seals and precision-machined aluminum components, designed to enhance seal longevity and overall fork responsiveness. It also helps prevent dirt ingress and oil leaks, extending service intervals and reducing downtime.



Image 1: Components of the RockShox DebonAir C1 Seal Head Upgrade Kit. This image displays the various parts included in the kit, such as seals and the seal head, which are crucial for the upgrade process.

WHAT'S IN THE BOX

Your RockShox DebonAir C1 Seal Head Upgrade Kit includes the following components:

- Sealing head
- *(Additional seals and small parts may be included depending on the specific kit version. Refer to your kit's packaging for a complete list.)*

COMPATIBILITY

This upgrade kit is specifically designed for **35mm mountain bike forks**. It is compatible with the following RockShox fork models:

- Lyrik
- Yari
- Pike (B1+ models)
- Rev (B1+ models)

Ensure your fork's stanchion diameter is 35mm and that it is one of the listed compatible models before attempting

installation.

INSTALLATION INSTRUCTIONS

Installation of the DebonAir C1 Seal Head Upgrade Kit requires specific tools and technical knowledge. If you are not confident in your mechanical abilities, it is highly recommended to have the installation performed by a certified bicycle mechanic.

Required Tools and Materials:

- Appropriate shaft clamps (e.g., 10mm)
- Bench vice
- Torque wrench
- Socket set
- Hex key set
- Suspension fluid (RockShox recommended type)
- Grease (RockShox recommended type)
- Clean rags
- Safety glasses and gloves

General Installation Steps (Consult official RockShox service manual for detailed steps):

1. **Prepare the Fork:** Remove the fork from the bicycle. Clean the exterior thoroughly.
2. **Depressurize Air Spring:** Release all air pressure from the air spring chamber.
3. **Disassemble Lower Legs:** Remove the lower leg bolts and carefully separate the lower legs from the upper tubes.
4. **Remove Air Spring Assembly:** Follow the specific instructions for your fork model to remove the existing air spring assembly.
5. **Replace Seal Head:** Carefully remove the old seal head and install the new DebonAir C1 Seal Head, ensuring all seals are properly seated and lubricated with appropriate suspension grease.
6. **Reassemble Air Spring:** Reinstall the air spring assembly into the upper tube, ensuring proper orientation and torque specifications.
7. **Reassemble Lower Legs:** Reinstall the lower legs, adding the correct volume of suspension fluid to each leg as specified in your fork's service manual. Torque lower leg bolts to manufacturer specifications.
8. **Inflate Air Spring:** Inflate the air spring to your desired pressure, cycling the fork through its travel several times during inflation to equalize positive and negative air chambers.
9. **Reinstall Fork:** Reinstall the fork onto the bicycle, ensuring all components are securely fastened.

Important: Always refer to the latest official RockShox service manual for your specific fork model for detailed, step-by-step instructions, torque specifications, and fluid volumes. Incorrect installation can lead to fork damage or injury.

POST-INSTALLATION PERFORMANCE

After successful installation of the DebonAir C1 Seal Head Upgrade Kit, you should experience improved fork performance:

- **Smoother Initial Stroke:** Reduced stiction provides a more supple feel at the beginning of the travel.
- **Increased Sensitivity:** The fork will react more effectively to small bumps and trail chatter.
- **Improved Mid-Stroke Support:** The air spring is optimized to maintain a higher riding height, offering better support and control.
- **Enhanced Responsiveness:** Overall fork responsiveness will be improved, leading to a more controlled and

confident ride.

Adjust your air pressure and rebound/compression settings as needed to fine-tune the fork to your riding style and terrain. Start with recommended settings for your weight and make small adjustments.

MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your RockShox fork with the DebonAir C1 Seal Head Upgrade Kit. While the kit is designed to extend service intervals, routine checks are still necessary.

Recommended Maintenance Schedule:

- **After Every Ride:** Clean the stanchions and wiper seals with a soft cloth. Inspect for any visible damage or oil leaks.
- **Every 50 Hours of Riding / Bi-Annually:** Perform a lower leg service, which includes cleaning and lubricating the dust wipers and foam rings, and replacing the lower leg bath oil.
- **Every 200 Hours of Riding / Annually:** Perform a full air spring service, which includes inspecting and replacing air spring seals (including the seal head seals if necessary), and replacing all internal fluids.

Always refer to the official RockShox service manual for your specific fork model for detailed maintenance procedures and recommended service intervals.

TROUBLESHOOTING

If you encounter issues after installing the DebonAir C1 Seal Head Upgrade Kit, consult the following common troubleshooting tips:

Problem	Possible Cause	Solution
Fork feels harsh or sticky	Incorrect air pressure Insufficient lubrication Seals not properly seated Air trapped in lower legs	Adjust air pressure to recommended settings. Perform lower leg service, ensure foam rings are saturated. Re-check seal head installation. Cycle fork fully to equalize pressure.
Oil leaking from seals	Damaged or improperly installed seals Excessive lower leg oil volume	Inspect and replace damaged seals. Reinstall carefully. Verify correct lower leg oil volume according to service manual.
Fork not achieving full travel	Too much air pressure Negative air chamber not equalized Excessive lower leg oil volume	Reduce air pressure. Cycle fork through travel several times after inflation. Verify correct lower leg oil volume.

For further assistance, contact RockShox customer support or consult a professional bicycle mechanic.

SPECIFICATIONS

Feature	Detail
Brand	RockShox
Model Name	Sealing Head_2051996532 (Part Number: RS573000)
Compatibility	35mm Lyrik, Yari, Pike (B1+), Rev (B1+) forks
Material	Multi (Precision-machined aluminum components, durable seals)
Item Package Dimensions (L x W x H)	4.76 x 4.17 x 1.38 inches
Package Weight	0.03 Kilograms
Included Components	Sealing head

WARRANTY INFORMATION

The RockShox DebonAir C1 Seal Head Upgrade Kit is covered by a **Limited Warranty**. For specific details regarding warranty coverage, terms, and conditions, please refer to the official RockShox warranty policy available on their website or contact RockShox customer support.

Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, service questions, or to locate an authorized service center, please visit the official RockShox website or contact their customer support directly.

RockShox Official Website: www.sram.com/en/rockshox

You can also visit the RockShox store on Amazon for more product information: [RockShox Amazon Store](#)