

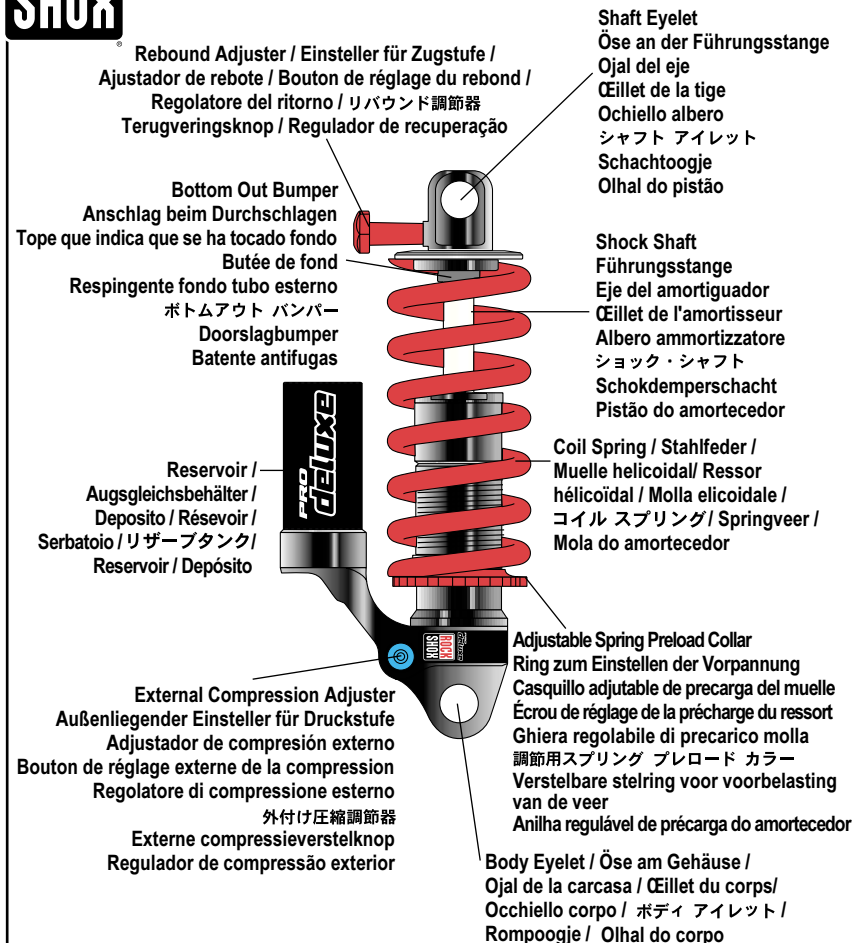
2002

PRO
deluxe

OWNER'S MANUAL



Congratulations! You have the best in suspension components on your bicycle! This manual contains important information about the safe operation and maintenance of your shock. To ensure that your RockShox shock performs properly, we recommend that you have your fork installed by a qualified bicycle mechanic. We also urge you to follow our recommendations to help make your bicycling experience more enjoyable and trouble-free.



NOTE: YOUR SHOCK'S APPEARANCE MAY VARY FROM THE ILLUSTRATIONS/PHOTOS IN THIS MANUAL.

FOR THE LATEST INFORMATION ABOUT YOUR FORK VISIT OUR WEBSITE AT WWW.ROCKSHOX.COM.

I M P O R T A N T

Consumer Safety Information

RIDING A BIKE IS DANGEROUS. NOT PROPERLY MAINTAINING OR INSPECTING YOUR BIKE IS EVEN MORE DANGEROUS. IT'S ALSO DANGEROUS NOT TO READ THESE INSTRUCTIONS.

1. Before riding the bicycle, be sure the brakes are properly installed and adjusted. If the brakes don't work properly, the rider could suffer serious and/or fatal injuries.
2. If the shock ever loses oil or if it makes sounds of excessive topping out, stop riding the bicycle immediately and have the shock inspected by a dealer or call RockShox. Continuing to ride with the shock in either of these conditions could result in loss of control of the bicycle with possible serious and/or fatal injuries.
3. Always use genuine RockShox parts. Use of after-market replacement parts voids the warranty and could cause structural failure to the shock. Structural failure could result in loss of control of the bicycle with possible serious and/or fatal injuries.

INSTALLATION

It is extremely important that your RockShox rear shock is installed correctly by a qualified bicycle mechanic with proper tools. Consult your bicycle manufacturer's instructions for proper installation of your shock.



WARNING

IMPROPERLY INSTALLED REAR SHOCKS CAN BE EXTREMELY DANGEROUS AND MAY RESULT IN SEVERE AND/OR FATAL INJURIES.

PERFORMANCE TUNING

RockShox rear shock can be tuned for your particular weight, riding style, and terrain.

IMPORTANT: BE SURE YOU TAKE YOUR BIKE FOR A TEST RIDE TO SEE IF THE REAR SHOCK IS SET UP FOR YOU STRAIGHT "OUT OF THE BOX."

These shocks are set up for the 140 to 180 lb (65 to 80kg), all-around rider who spends time riding every off-road terrain imaginable. You may benefit by making tuning adjustments to suit your specific needs. When tuning suspension, always make one change at a time and write it down. This allows you to understand how each change affects your ride.

Setting Sag

Sag is the amount of shock travel that is used as the rider sits stationary on the bike. Typically, sag is 15 to 30 percent of all available wheel travel. Check with your bicycle manufacturer to determine the rear wheel travel and recommended sag for your particular bike before setting sag.

1. To adjust the sag, turn the spring preload collar away from the spring and stop turning just as the spring feels loose on the shock. This is zero preload.
2. Without sitting on the bike, measure the distance from the floor to the seat (rear height).

Write it down.

3. While you sit in a normal riding position, have a friend measure the same distance. The difference between the two measurements is sag. Determine what percentage of total wheel travel this sag represents.
4. If the sag is less than your bike manufacturer's recommendation, you may need to install a spring with a lower spring rate. If the sag is greater than recommended, turn the threaded collar towards the spring to decrease sag until it is correct. Use a stiffer spring rate if you reach the 2.5 turn limit.

IMPORTANT: DO NOT EXCEED 2.5 FULL TURNS OF THE THREADED SPRING COLLAR FROM ZERO PRELOAD. TOO MUCH SPRING PRELOAD ON A SOFT SPRING WILL CAUSE THE SPRING TO FAIL.

Changing the Spring Rate

Spring rate is the amount of force needed to compress the spring a given distance. For example, a spring with an 800 lb. spring rate needs 800 lb. of force to compress the spring one inch. Higher spring rates make the shock more "stiff," while lower spring rates make the shock more "supple." To change the spring rate, follow the instructions below to remove the spring:

1. Remove the shock from the bicycle.
2. Clean and lubricate the shock body threads.
3. Remove the shaft eyelet mounting hardware.
4. Unthread the spring preload collar as far as possible.
5. Using a 2.5mm hex wrench, remove external rebound adjuster.
6. Using a broad, flat-blade screwdriver, thread the rebound adjuster towards the shaft eyelet.
7. Remove the spring and replace it with a higher or lower rated spring.
8. Reverse above steps to install spring.

NOTE: GREASE THE MOUNTING HARDWARE BEFORE REINSTALLING IT ON THE SHOCK.

9. Reinstall shock on bicycle. Torque the shock's mounting hardware to 60 in-lb.
10. Set the spring preload (see "Setting Sag").

Rebound Damping Adjustment

The shock includes a red rebound damping adjustment knob. Rebound is the extension or return stroke of the shock. Rebound damping adjustment allows you to control the rate at which the shock extends after it is compressed. The shock's rebound is quickest when the adjustment knob is in the full counterclockwise position. Rebound is slowest when the adjustment knob is in the full clockwise position.

SETTING REBOUND

When you are setting rebound, a good starting point is the "curb" test. Be sure this is done after you set up your sag.

1. Set your rebound adjuster fully counterclockwise.
2. Ride the bike off the curb sitting in the saddle and count the number times the shock bounces before returning to nominal sag. You want to achieve one bounce.
3. Turn the rebound adjuster a quarter turn clockwise and ride off the curb again. Continue to do this until one bounce is achieved.
4. Record the number of turns from the fully closed (full counterclockwise) position.

Compression Adjustment

The Pro Deluxe includes a blue compression adjustment knob. Compression occurs when a force causes the shaft eyelet to body eyelet distance to be reduced. Compression adjustment controls the rate at which that distance is reduced. The shock will compress more quickly when the adjustment knob is in the full counterclockwise position and compress more slowly when

the adjustment knob is in the full clockwise position. Compression adjustment is used to enhance rider control after the proper sag and spring rate have been set.

MAINTENANCE

After Every 8 Hours of Riding

- Clean your shock with mild soap and a toothbrush.
- Keep the shaft and body threads clean and lubricated.
- Keep mounting hardware clean and lubricated.
- Refer to bicycle's owner's manual for correct mounting hardware torque values. Also be sure to verify that your shock's mounting hardware is properly torqued (60 in-lb).

IMPORTANT: OVER-TORQUED MOUNTING HARDWARE WILL CAUSE THE SHOCK TO BIND AND MALFUNCTION. UNDER-TORQUED MOUNTING HARDWARE WILL DAMAGE FRAME, HARDWARE, AND SHOCK.

After every 20 hours of riding

Remove, clean, and grease mounting hardware.

IMPORTANT: NEVER USE A HIGH-POWERED WASHER TO CLEAN THE SHOCK.

SERVICE

Your rear shock should be fully serviced every year by a qualified mechanic with proper tools. Contact your local RockShox dealer, RockShox Technical Service, or the nearest distributor (see the International Distributor List). Read the Warranty section for further warranty repair and contact information.

WARRANTY

RockShox, Inc. warrants its products for a period of one year from original date of purchase to be free from defects in materials or workmanship. Any RockShox product that is returned to the factory and is found by RockShox to be defective in materials or workmanship will be repaired or replaced at the option of RockShox, Inc. This warranty is the sole and exclusive remedy. RockShox shall not be held liable for any indirect, special, or consequential damages.

The warranty does not apply to products which have not been properly installed and adjusted according to RockShox installation instructions. The warranty does not cover any product that has been subject to misuse or whose serial number has been altered, defaced or removed. This warranty does not apply to damage to the product caused by a crash or abuse of the product or any other circumstances in which the product had been subjected to forces or loads beyond its design. This warranty does not cover paint damage or modifications to the product. **Proof of purchase is required.**

Warranty Repair

If for any reason it should be necessary to have warranty work done, return the product to a RockShox dealer. In the USA, dealers are required to call for a Return Authorization number (RA#) prior to returning product.

For more technical information, visit our website at www.rockshox.com. For toll-free technical support in the USA, call 1.800.677.7177. Customers in countries other than the USA should contact their local dealer or distributor.

INTERNATIONAL DISTRIBUTOR LIST

Argentina

Broni S.A.
Phone: 54 11 4292 3000
FAX: 54 11 4292 4453
J.J. PASO 1260, (1832) LOMAS DE
ZAMORA, BUENOS AIRES

Australia

Steve Cramer Products
Phone: 61 3 9587 1466
FAX: 61 3 9587 2018
39 INDUSTRIAL DRIVE BRAESIDE,
VICTORIA 3192

Austria

Barisitz-Austria
Phone: 43 512 39 22 87
FAX: 43 512 39 45 19
BERNHARD-HOEFELSTRASSE 14,
A-6020, INNSBRUCK

Belgium

Vertex Cycle Systems BV
Phone: 31 23 57 18184
FAX: 31 23 57 18606
FLEMINGSTRAAT 100A, 2041 VL
ZANDVOORT
HOLLAND

Brazil

Pedal Power
Phone: 55 11 3845 6997
FAX: 55 11 3845 6377
R. GOMES De CARVALHO 541
SAO PAULO SO
04547002

Canada

Bell Sports Canada
Phone: 800 661 1662 (Calgary)
FAX: 800 465 4018
BAY 147, 2760 45TH AVE SE
CALGARY, ALBERTA
T2B 3M1

Chile

Bicicletas Belda Limitada
Phone: 56 32 881799
FAX: 56 32 978799
14 NORTE 1001
VINA DEL MAR

Costa Rica

Inversiones Y Sistemas Garvi
Phone: 506 296 3383
FAX: 506 289 7013
P.O. BOX 4805-1000, SAN JOSE

Croatia

Ciklo-Centar
Phone: 385 1 234 22 24
FAX: 385 1 234 34 22
JURJA VES 30A
10000 ZAGREB

Czech Republic

Vanek Praha
Phone: 42 0 312 698 1889
FAX: 42 0 312 698 025
CERRENY UJEZD 185, UNHOST,
27351

Denmark

Duell A/S
Phone: 45 86 36 7800
FAX: 45 86 36 7377
MOLLERUPVEJ 3, TAASTRUP,
8410 RONDE

Ecuador

Bici Sport
Phone: 5932 248737
FAX: 5932 253691
AV DE DICIEMBRE 6327, ENTRE
LOUVRE Y TOMAS DE,
BERLANGA.LOCAL #3, QUITO

Estonia

Hawaii Express
Phone: 372 6 398 508
FAX: 372 6 398 566
REGATI 1, 5K-102, TALLINN, 11911,
Estonia
Or
Estonian Unidream
Phone: 372 636 7470
Fax: 372 636 7470
Paavli 2A, Tallinn
EE0004, Estonia

Finland

Mr. Cool OY
Phone: 358 9 3250817
FAX: 358 9 3250609
LINNAVUORENTIE 28, HELSINKI,
00950

France

Royal Velo France
Phone: 33 325 433 730
Fax: 33 325 43 95 95
4 RUE DES AZALEES, P.A. SUD-
CHAMPANGE
ST THIBAUT, 10800

Germany

Sport Import GmbH
Phone: 49 44 05 9280 0
FAX: 49 44 05 9280 49
INDUSTRIESTRASSE 41 B,
EDEWECHT, 26188

Greece

Gatsoulis Stefanos Imports
Phone: 30 12512 779
FAX: 30 12533 960
8 THESSALONIKIS STREET, NEW
FILADELFIA, ATHENS, T.T. 14342

Guatemala

BYS Importaciones S.A.
Phone: 502 366 7709
FAX: 502 363 3918
18 CALLE 7-48, ZONA 10,
GUATEMALA

Holland

Vertex Cycle Systems BV
Phone: 31 23 57 18184
FAX: 31 23 57 18606
FLEMINGSTRAAT 100A, 2041 VL
ZANDVOORT
HOLLAND

Hong Kong

Flying Ball Bicycle Company
Phone: 852 23813661
FAX: 852 23974406
201 TUNG CHOI ST. G/F,
MONGKOK KOWLOON

Hungary

Prokero Ltd Co.
Phone: 361 331 3184
FAX: 361 331 3184
KALMAN IMRE UTCA 23,
BUDAPEST, 1054

Iceland

Ominn Hjól Ltd
Phone: 354 588 9892
FAX: 354 588 9896
SKEIFAN 11, P.O. BOX 8036,
REYKJAVIK

Ireland

Madison
Phone: 44 181 385 3385
Fax: 44 208 345 3443
BUCKINGHAME HOUSE EAST,
THE BROADWAY
STANMORE, MIDDLESEX HA7 4EA
UNITED KINGDOM

Italy

Motorquality
Phone: 39 02 24 951 1
FAX: 39 02 24 951 228
20099 SESTO S. GIOVANNI, (MI) I
VIA VENEZIA, (ANG. VIA
CARDUCCI), MILANO

Japan

Yoshigai Corporation
Phone: 81 729 88 5461
FAX: 81 729 88 5463
5-19, 1-CHOME,
SHIMOROKUMANGI-CHO,
HIGASHI-OSAKA JAPAN 579

Korea

Outdoor International
Phone: 82 2 474 0818
Fax: 82 2 474 0656
3F 379-20 SUNGNAE-DONG,
KANGDONG-KU, SEOUL, 134-030

Latvia

Veloserviss
Phone: 371 750 1292
Fax: 371 750 1298
1/1 HAPSALAS ST., RIGA, LV-1005

Luxembourg

Vertex Cycle Systems BV
Phone: 31 23 57 18184
FAX: 31 23 57 18606
FLEMINGSTRAAT 100A, 2041 VL
ZANDVOORT
HOLLAND

Malaysia

Gin Huat Cycle Trading
Phone: 603 6189 1663
FAX: 603 6189 1662
NO. 8, JALAN INDUSTRI BATU
CAVES ½
TAMAN PERINDUSTRIAN BATU
CAVES
68100 BATU CAVES
SELANGOR DARUL EHSAN

Mexico

Tekno Bike
Phone: 52 8 336 5602
FAX: 52 8 338 5663
HUMBERTO LOBO #780, COL. DEL
VALLE, GARZA GARCIA, MEXICO,
CP, 66220, Mexico

New Zealand

W.H. Whorral & Co. Ltd.
Phone: 64 9 63 6 06 41
FAX: 64 9 63 6 06 31
43 FELIX ST
PENROSE, AUCKLAND
NEW ZEALAND

Norway

Hallman Sports
Phone: 46 18 56 16 00
FAX: 46 18 50 03 22
HALLNASGATAN 8, S-75228
UPPSALA, SWEDEN

Panama

Distribuidora Rali S.A.
Phone: 507 220-3844
FAX: 507 220-5303
VIA ESPANAS EDIFICA CARCEP,
P.O. BOX 87-0852, PANAMA 7

Peru

Rojo Sports
Phone: 511 447 0838
FAX: 511 447 0838
AV. REPUBLICA DE, PANAMA 6513,
LIMA 33

Poland

Giant Polska S.P. ZOO
Phone: 48 22 645 14 34
FAX: 48 22 645 14 36
AL NIEPODLEGLOSCI 221-4, 02-
087 WARSZAWA

Portugal

Bicimax
Phone: 351 244 553276
FAX: 351 244 553187
APARTADO 34, 2431 MARINHA
GRANDE

Russia

Sportex
Phone: 7095 288 4524
FAX: 7095 288 6888
KUDRINSKAYA PL., 1,, P.O.BOX 33,
MOSCOW, 123242

St. Maarten

Tri-Sport International
Phone: 5995 43462
FAX: 5995 43928
8 AIRPORT BOULEVARD,
SIMPSON BAY, NAMIBIA

Singapore

Trekology Bikes 3
Phone: 65 466 2673
FAX: 65 466 7610
24 HOLLAND GROVE ROAD,
SINGAPORE, 1545

Slovak Republic

Paul Lange Oslany
Phone: 42 1 862 5492 344
FAX: 42 1 862 5492 350
MEROVA 854/37 OSLANY, 97247
SLOVAKIA

Slovenia

Proloco Trade
Phone: 386 64 380 200
FAX: 386 64 380 2022
ENOTA KRANJ, BRITOF 96A, 4000
KRANJ

South Africa

Coolheat (SA) (PTY) Ltd.
Phone: 27 11 807 5282
FAX: 27 11 807 2998
3 RUARGH STREET, PARK
CENTRAL, P O BOX 740,
JOHANNESBURG 2001

Spain

K. Motor Dealer S.L.
Phone: 34 9 1 637 70 97
FAX: 34 9 1 637 72 64
PARQUE INDUSTRIAL,
EUROPOLIS EDIFICO BRUSELA,
BLOQUE 4, NAVE 1, LAS ROZAS
(MADRID), N/A, 28230

Sweden

Hallman Sports
Phone: 46 18 56 16 00
FAX: 46 18 50 03 22
HALLNASGATAN 8, S-75228
UPPSALA

Switzerland

Cilo Bike Service SA
Phone: 41 21 641 63 30
FAX: 41 21 641 63 82
CH. DE L'ORIO 30 A, CASE
POSTALE 64, CH- 1032
ROMANEL S. LAUSANNE

Taiwan

Biketech Co. Ltd.
Phone: 886 22 694 5806
FAX: 886 22 694 6133
NO. 12 FU TEH ROAD, 266 LANE,
37 ALLEY HSICHIH, TAIPEI HSIEN,
TAIWAN, R.O.C.

Thailand

Probike Co. Ltd.
Phone: 662 254 1077
FAX: 662 254 1078
237/2 SARASIN ROAD, LUMPINNE,
PATUMWAN, BANGKOK, 10330

Turkey

EBSAT
Phone: 90 212 514 0525
FAX: 90 212 519 4846
EBSAT EMEK BISIKLET,
EBUSSUUD CAD NO.67, 34410
SIRKECI, ISTANBUL, 34410

United Kingdom

Madison
Phone: 44 181 385 3385
Fax: 44 208 345 3443
BUCKINGHAM HOUSE EAST,
THE BROADWAY
STANMORE, MIDDLESEX HA7 4EA
UNITED KINGDOM

Venezuela

Bike Sports
Phone: 582 751 9709
FAX: 582 753 5071
CENTRO COMERCIAL IBARRA,
PLANTA BAJA, LOCAL 3-A CALLE
GARCILAZO, COLINAS DE BELLO,
0, CARACAS

950-006072-00 Rev. A01

February 2001



**1610 Garden of the Gods
Colorado Spring, CO 80907**

IMBA Rules of the Trail

Ride on open trails only
Leave no trace
Control your bicycle
Always yield trail
Never spook animals
Plan ahead