

2003

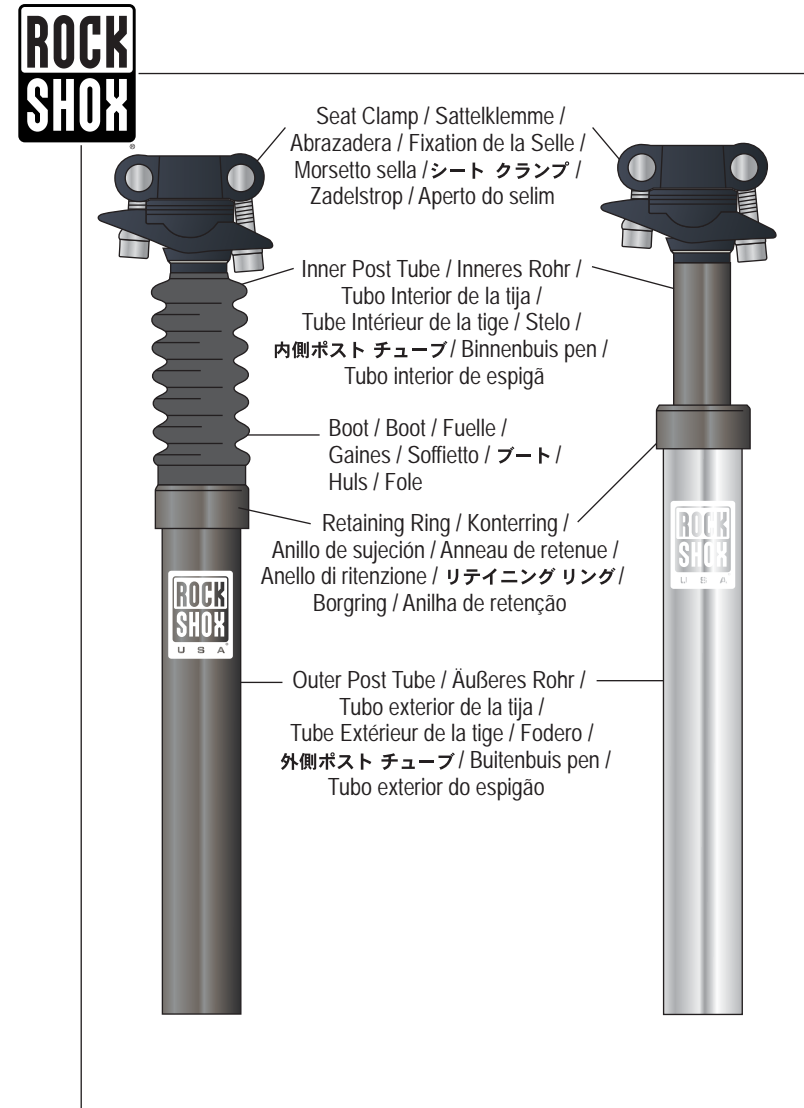
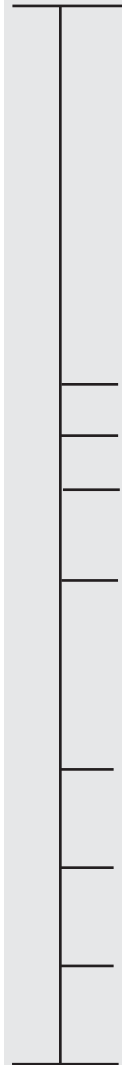
SEATPOST

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 shock 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.

Mountain and Road Post Bumper Specification (mm)



NOTE: YOUR PRODUCT'S APPEARANCE MAY VARY FROM THE ILLUSTRATIONS/PHOTOS IN THIS MANUAL. FOR THE LATEST INFORMATION ABOUT YOUR PRODUCT 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 IS ALSO DANGEROUS NOT TO READ THESE INSTRUCTIONS.

1. Do not ride with the seat post above the maximum height/minimum insertion mark indicated on the post. Do not scratch the post to mark your preferred seat height, instead, use a piece of tape.
2. Before each ride be sure the seat post binder bolt is securely tightened to the proper torque. Not securing the bolt can cause serious and/or fatal injuries. Follow the bicycle manufacturer's specification for binder bolt torque.
3. Always use genuine RockShox parts. Use of other aftermarket replacement parts voids the warranty and could cause structural failure to the seat post.

INSTALLATION

It is extremely important that your RockShox Seat Post is installed correctly by a qualified mechanic with proper tools.

- Use a file to deburr the inside of the bicycle frame's seat tube. Scoring or scratches to the inner seat tube may cause premature failure.
- Clean and grease the bicycle frame's seat tube. If using a seat post shim, grease the inside and outside of it as well.
- Install the seat post. Tighten the binder bolt on your bicycle to the manufacturer's specifications.

Saddle Installation (MTB and Road Post)

1. Remove front and rear clamp screws from post clamp assembly.
2. Remove the upper clamp assembly and grease the lower clamp surface, clamp, washers, clamp screws and seat clamp pins (fig. 1).
3. Install saddle and insert upper assembly through the rear of the saddle rails.
4. Hand tighten clamp screws and set saddle to center.
5. Tighten front and rear clamp screws with the saddle in its preferred position. Torque the clamp screws to 72 to 120 in-lb. (8.1 to 13.4 Nm)
6. Take a ride and check if the saddle feels comfortable. If adjustment is necessary, proceed to the next section, "Tuning."

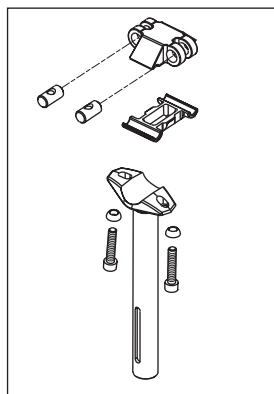


Fig. 1

NOTE: DO NOT OVER-TIGHTEN CLAMP SCREWS! WHEN ADJUSTED CORRECTLY, MAKE SURE CLAMP SCREWS PROTRUDE FROM THE SEAT CLAMP PINS. IF THE SCREWS DO NOT PROTRUDE FROM THE SEAT CLAMP PINS, YOU SHOULD USE LONGER SCREWS.

Saddle Installation (GPS Only)

1. Loosen the saddle bolt five turns.
2. Rotate the upper clamp 90 degrees.
3. Install the saddle's rails on the lower clamp.
4. Rotate the upper clamp over and onto the rails of the saddle, seating it.
5. Lightly tighten the saddle clamp bolt and rock the saddle so the nose and tail are at the proper elevation. Slide the saddle forward or backward on its rails to a preferred position.
6. Torque the saddle clamp bolt from 72 to 120 in-lb (8.1 to 13.4 Nm).
7. Test ride and check the saddle height, angle and fore/aft position. Make necessary adjustments by repeating steps 1 through 6 as necessary.
8. After test-ride, re-torque the clamp bolt. Check the clamp bolt over the next couple of rides to ensure the bolt has not come loose.

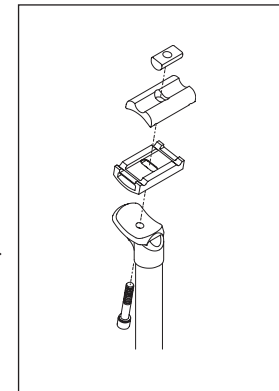


Fig. 2

PERFORMANCE TUNING

RockShox Seat Posts can be tuned to your particular weight, riding style, and the terrain you ride on. Our Seat Posts are set up for the 150 to 180 lb. (68 to 81 kg), all-around rider. You may benefit from making tuning adjustments for your specific needs. Install the post and take your bicycle for a ride before making any tuning adjustments. When tuning suspension, always make one change at a time and write it down. Keeping a record lets you know what changes you have tried and suggests what changes you might try.

Setting Sag

The RockShox Seat Post is designed to compress (sag) when you are sitting on the bike. The optimum settings for the best all around performance are 0 to 20mm sag for the MTB Post and GPS post (when off-pavement) and 0 to 8mm sag for the Road Post and GPS Post (when on pavement). To measure sag, pull the dust boot up from the bottom and install a zip tie on the inner tube so that it is flush against the retaining ring; sit on the bike in a normal riding position; then step off your bike and measure the bottom of the zip tie to the top of the retaining ring. This measurement is the amount of sag.

NOTE: BE SURE TO REMOVE THE ZIP TIE WHEN YOU ARE FINISHED MEASURING SAG.

Changing the preload alters the sag and firmness of the initial post movement. The preload adjuster plug in the bottom of the seat post tube adjusts the sag of the post (preload on the spring stack). When the preload adjuster is turned clockwise, the seat post will sag less and be firmer. Turning the preload adjuster plug counterclockwise causes the seat post to be softer and sag more. Do not turn the preload adjuster plug exposing its threads at the bottom of the post tube. Failure to observe this instruction could result in premature failure of the preload adjuster plug or outer tube.

Changing the Spring Rate (MTB and Road Posts only)

Spring rate changes are made by cutting the bumper. The following are recommended elastomer lengths for rider weights.

MTB POST

If the sag setting is correct and you can't get a minimum travel of 20 mm, use a softer (longer) bumper. However, if the sag is correct and you have excessive bottom out, use a firmer (shorter) bumper. Use the chart below to determine what bumper is best suited for you.

Rider Weight	Bumper Length	Preload Spacers	Turns of Preload
100-160 lb	140mm	0	10-15
140-190 lb	127mm	1	10-25
170-220 lb	114mm	1	10-25
200-250 lb	101mm	1-2	10-30

Road Post

If the sag setting is correct and you can't get a minimum travel of 10 mm, use a softer (longer) bumper. However, if the sag is correct and you have excessive bottom out, use a firmer (shorter) bumper. Use the chart below to determine what bumper is best suited for you.

Rider Weight	Bumper Length	Preload Spacers	Turns of Preload
100-160 lb	76mm	2	5-10
140-190 lb	63mm	2-3	5-15
170-220 lb	57mm	3	5-20
200-250 lb	50mm	3	5-25

Changing the Bumper or Adding Preload Spacers (MTB and Road Posts only)

1. Unscrew the preload adjuster plug using a 6mm hex wrench (fig. 3).
2. Remove the bumper and any spacers from the outer tube. Note the orientation of all parts (fig. 4).
3. Cut the bumper, if necessary.
 - a. Using the gauge on the inside front cover, mark the desired length on the bumper with a felt tip pen.
 - b. With a razor knife or fine bladed saw, carefully cut the bumper making sure to cut the edge at a 90 degree angle (square).
4. Clean and grease the bumper and re-install into the outer tube with spacers (if used).
5. Re-install the cleaned and greased preload adjuster plug, starting threads by hand.
6. Tighten preload adjuster plug until it comes in contact with the bumper.
7. Add preload as necessary.

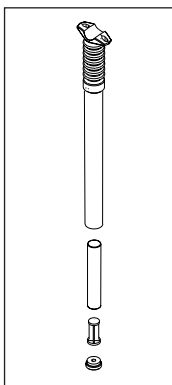


Fig. 3

Changing the Spring for GPS

To adjust the spring rate of the GPS post for a softer or firmer rate, you must install a softer or firmer spring. Contact your dealer or distributor to purchase the appropriate spring.

1. Unscrew the preload adjuster plug using a 6mm hex wrench (fig. 4).
2. Remove the spring from the preload adjuster plug.
3. Replace the spring with one of a softer or firmer rate. Snap the spring onto the preload adjuster plug and re-install the assembly into the outer tube.
4. Add preload as necessary.

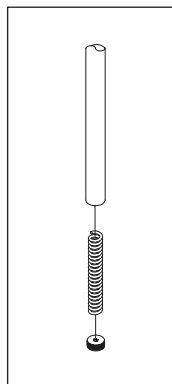


Fig. 4

MAINTENANCE

To maintain high performance, safety, and long life of your seat post, periodic maintenance is required. If you compete frequently or ride in wet, muddy or otherwise extreme conditions, reduce the suggested maintenance intervals listed below by 50 percent.

IMPORTANT: ALWAYS WEAR SAFETY GLASSES WHEN WORKING ON ROCKSHOX PRODUCTS.

Before Every Ride

- Check the rail clamp screws for proper torque.
- Check retaining ring to tightness.
- Check seat post binder bolt for proper torque according to the bicycle manufacturer's specifications.
- Check for play.

Torque Tightening Values

Clamp Screws 72 to 120in-lb (8.1 to 13.5Nm)

After 25 Hours Of Riding

- Disassemble the seat post. This procedure should be completed by a qualified mechanic with proper tools. The mechanic should clean the internal parts using a suitable solvent, inspect all parts for damage and replace any parts that are damaged.
- Lubricate the internal parts.
- Check for increased side to side movement. If after a fresh greasing there is still side-to-side movement, replace the keys. Contact your local dealer or distributor or visit our web site at www.rockshox.com for further information.

WARRANTY

RockShox, Inc. warrants its products for a period of two years from original date of purchase to be free from defects in materials or workmanship. RockShox USA, or an authorized RockShox Agent must inspect all RockShox products. If a product is found by RockShox or its authorized agent to be defective in materials or workmanship, replacement or repair is at the option of RockShox. This warranty is the sole and exclusive remedy. RockShox shall not be held liable for any indirect, special, or consequential damages.

Exclusions of Warranty

This 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, impact, abuse of the product, non-compliance with manufacturer's specifications, or any other circumstances in which the product has been subjected to forces or loads beyond its design. This warranty does not cover paint damage or modifications to the product.

Original proof of purchase is required. Warranty repair/replacement is only valid upon presentation of proof of purchase, directly submitted to RockShox at the time of warranty evaluation. Warranty repair or replacement is at the discretion of RockShox or its authorized agent, upon physical product evaluation and proof of purchase.

This warranty does not include or cover common 'wear and tear' parts which are subject to damage as a result of normal use, failure to service product according to RockShox recommendations, wet conditions, racing, use of disc brakes, rider weight, riding or installation in conditions or applications other than recommended.

'Wear and Tear' parts are identified as: External dust seals, bushings, foam rings, rubber moving parts (such as air sealing o-rings and glide rings), stripped threaded shafts or bolts, upper tubes (stanchions), rear shock mounting hardware and springs, and fork drop outs.

Pioneer Support Program

In the event parts are unavailable at the time of your repair, at the option of RockShox or its authorized agent, a replacement fork may be provided at a determined discount price.

Warranty Expenses Incurred

The RockShox warranty policy excludes expenses incurred as a result of transportation of product from a RockShox dealer to RockShox USA, or its authorized distributor, labor performed by a RockShox dealer for removal of RockShox product, or warranty repair work performed by a RockShox dealer. Warranty work performed by a RockShox dealer is voluntary.

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. Outside the USA, dealers are required to call an authorized RockShox Distributor.

For more technical information, visit our website at www.rockshox.com. For toll-free technical support in the USA, call 1.800.677.7177. Dealers outside the USA must contact their local dealer or distributor. For a complete list of Authorized Distributors outside the USA, visit www.rockshox.com.

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 0 5223 46444
FAX: 43 0 5223 46444-14
A-6060 Mills
Gewerbepark 12

Belgium

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

Brunei

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

Bulgaria

Ultrasport
Phone: 3592 44 7042
FAX: 3592 943 3445
18, IVAN ASSEN STR.
1000 SOFIA
BULGARIA

Bulgaria

X Sports
Phone: 359 2 981 8852
FAX: 359 2 981 8852
4 BACHO KIRO STR.
1000 SOFIA
BULGARIA

Brazil

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

Canada

Cycles Lambert
Phone: 800 463-4452 (Quebec)
FAX: 800 461 1685
100 Rue des Riveurs
LEVIS, QUEBEC
G6V 9G3

Chile

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

Columbia

Sanliago Bolero Rincon
Phone: 6-8811301
CARRERA 23 #55-37
MANIZALES, CALDAS

Costa Rica

Inversiones Y Sistemas Garvi
Phone: 506 296 3383
FAX: 506 289 7013
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Ciklo-Centar
Phone: 385 1 234 22 24
FAX: 385 1 234 34 22
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10000 ZAGREB

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

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Duell AIS
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FAX: 45 86 36 7377
MOLLERUPVEJ 3, TAASTRUP, 8410 RONDE

Ecuador

Deporte Extremo S.A.
Phone: 593 2 224-8737
FAX: 593 2 225-3691
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

Estonia

Estonian Unidream
Phone: 372 636 7470
Fax: 372 636 7470
Paavli 2A, Tallinn
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4 RUE DES AZALEES, P.A. SUD-
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Germany

Sport Import GmbH
Phone: 49 44 05 9280 0
CARRERA 23 #55-37
FAX: 49 44 05 9280 49
INDUSTRIESTRASSE 41 B, EDEWECHT,
26188

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

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FAX: 30 61-993045
AG. VASSILIOS
PATRAS 265 00

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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
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HOLLAND

Hong Kong

Flying Ball Bicycle Company
Phone: 852 23813661
Fax: 852 23974006
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Prokero Ltd Co.
Phone 361 331 3184
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FAX: 361 331 3184
KALMAN IMRE UTCA 23, BUDAPEST, 1054

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

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

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Madison
Phone: 44 20 8385 3385
Fax: 44 20 8385 3443
BUCKINGHAME HOUSE EAST, THE
BROADWAY
STANMORE, MIDDLESEX HA7 4EA
UNITED KINGDOM

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Becidan Cycles
Phone: 972 9 954 9165
FAX: 972 9 954 9165
92 SOKOLOV HERZELYA

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

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Yoshigai Corporation
Phone: 81 6 4309 2530
FAX: 81 6 4309 2532
74-3 Nagata-Higashi,
Higashi-Osaka, Japan

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OD Bike Inc.
Phone: 82 2 474 0818
Fax: 82 2 474 0656
3F 379-20 SUNGNAE-DONG, KANGDONG-
KU, SEOUL, 134-030

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Fax: 371 750 1298
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Gin Huat Cycle Trading
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FAX: 603 6189 1662
8, JALAN INDUSTRI BATU CAVES ½
TAMAN PERINDUSTRIAN BATU CAVES
68100 BATU CAVES
SELANGOR DARUL EHSAN

Mexico

Tekno Bike & Outdoor Prod.
Phone: 52 8 343 1550
FAX: 52 8 343 1275
Porfirio Diaz #469
Col Centro CP 6400
Monterey, NL Mexico

New Zealand

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

Norway

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

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

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

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

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Phone: 7095 288 4524
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FAX: 41 21 641 63 82
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**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