Romic

Made in the USA

2002
Owners Manual

Static Eye to Eye	in	mm	Stroke	in	mm	Eye to eye measurement with rider aboard							
						Cross Country				Downhill/Freeride			
						20%		25%		30%		35%	
	in	mm		in	mm	in	mm	in	mm	in	mm	in	mm
6.5	165.1	1.5	38.1	6.2	157.5	6.1	155.6	6.1	153.7	6.0
7.5	190.5	2.0	50.8	7.1	180.3	7.0	177.8	6.9	175.3	6.8
7.88	200.0	2.0	50.8	7.5	189.9	7.4	187.3	7.3	184.8	7.2
8.0	203.2	2.25	57.2	7.6	191.8	7.4	188.9	7.3	186.1	7.2
9.0	228.6	2.75	69.9	8.5	214.6	8.3	211.1	8.2	207.6	8.0
9.5	241.3	3.0	76.2	8.9	226.1	8.8	222.3	8.6	218.4	8.5
11.00	279.4	3.0	76.2	10.4	264.2	10.3	260.4	10.1	256.5	10.0

Setting sag: Sag is the amount of shock stroke that is used up when the rider is aboard the bicycle.

1. Measure the mounting bolts of your shock from center to center and reference the chart above to locate the size of your shock.
2. Determine the percentage of sag you should run based on the chart above and locate what the measurement should be with the rider aboard.
3. Having someone assist you, stand on the pedals in your normal riding gear and have the assistant measure the distance from center to center of your shock mounting bolts. This measurement should be approximately the same as the measurement from step 2.
4. Using the Adjustable Spring Retainer, adjust the amount of preload on the spring to fine tune the sag measurement. Note: Increasing the amount of preload on the spring will increase the eye to eye measurement with the rider aboard, and decreasing the amount of preload will decrease this distance.

Note: Never use more than 3 full turns of preload to adjust sag. Doing so will cause damage to both spring and shock absorber!
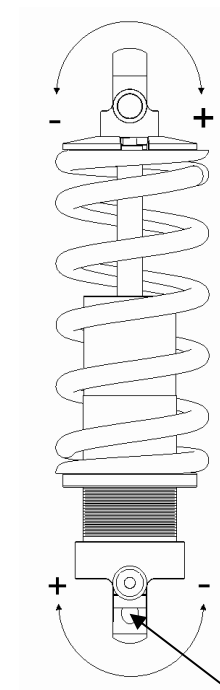
Table of Contents

Getting Started

Before making any adjustments to the damping adjustments on your new shock, it is important that you confirm that you have the proper spring rate. Please refer to page 8 for proper sag measurements.

Compression Damping Adjustment: The external compression adjuster on your Romic shock is designed to only effect a specific range of your shocks movement. Turning the adjustment clockwise will increase the damping force causing the suspension to become less prone to rider induced movements such as pedaling, weight shifting, etc.. Turning the knob counterclockwise, will cause the suspension to become more active to rider input. Note: Bump forces are controlled by the sophisticated self-adjusting Romic Reactor Valve located inside your Romic shock absorber. (Refer to page (4).
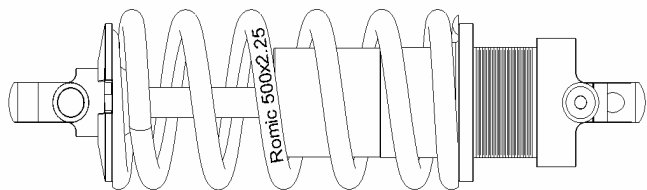
Rebound Damping Adjustment: The external rebound adjuster on your Romic shock absorber is designed to control the rate at which the spring can return after being compressed. Turning the adjuster clockwise will increase the damping forces causing the spring to return slower. Turning the rebound adjuster counterclockwise will produce less force causing the spring to return more quickly.

It is important that the rebound adjustment is set in a position that allows the shock to respond to multiple impacts effectively without causing the rear wheel to loose contact with the ground.

Please consult www.romicmfg.com for more information regarding specific setup tips for your application..

Warning! Do not adjust Compression Adjuster limit screw!! Doing so could cause adjuster to unthread from eyelet and require rebuilding by an Authorized Service Center.

Spring Rates: Clearly marked on every Romic coil spring is the part number that defines the springs rate (first number) and maximum stroke of shock to be used on (second number) . **Note**: The spring rate part number does <u>NOT</u> define how much available stroke is available from the spring!
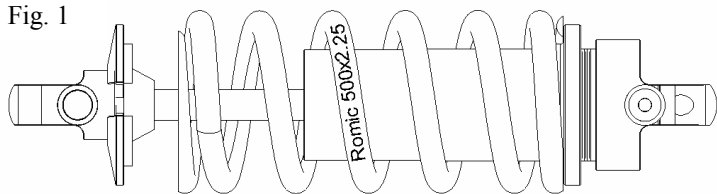
For example: Romic 500x2.25.
This spring is 500lbs/in and can be used on a shock that produces up to 2.25" of shaft stroke.

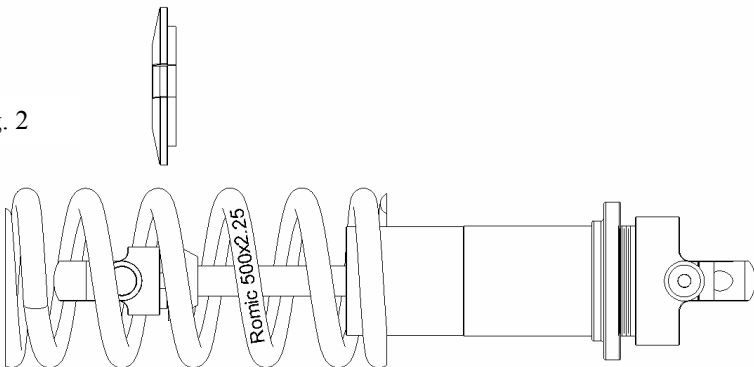## <u>Installation and removal of coil spring</u>

<u>Step 1</u>. Turn adjustable spring retainer counter-clockwise (Thread toward bottom eyelet) to loosen spring. (Fig. 1)

Fig. 1

<u>Step2.</u> Remove Top Spring Retainer and slide spring off of spring and top eyelet. (Fig. 2) **Note: It may be necessary to remove Top Eyelet mounting hardware to remove spring.**

Fig. 2

Congratulations on the purchase of your new Romic rear MTB shock absorber! Please take a few minutes to review the basic terminology and anatomy of your new Romic shock so that you may avoid any early problems or concerns.

Again, Thank You for choosing Romic.

Warning!
Every Romic shock absorber is designed and manufactured to provide maximum performance and tuneability while maintaining optimum user-friendliness and reliability. **However, stunt riding, extreme dropping, and other forms of abuse exceed the design parameters of your new Romic shock absorber and could cause damage that may result in serious injury or death.** For questions regarding the proper setup for your bike, please phone (760) 244-4478.

Warning!

Riding a bicycle can be dangerous. Failure to maintain or install components correctly can result in serious injury or death.

1. Always have a professional bicycle dealer, install or inspect aftermarket bicycle components.
2. If your Romic shock develops excessive oil loss, stop riding immediately and contact your nearest service center. Riding a damaged Romic shock absorber can result in death or serious injury.
3. If your Romic shock develops any unusual noises, stop riding immediately and contact your nearest service center. Riding a damaged Romic shock absorber can result in death or serious injury.
4. All service must be performed by an authorized Romic Service Center.
5. Your Romic shock absorber is pressurized with high pressure nitrogen gas and should never be disassembled for any reason by anyone other than an Authorized Romic Service Center.
6. Any modifications performed by anyone other than an authorized Romic Service Center will void the warranty.

Romic Service/Custom Tuning/Warranty-Repair

All MTB shocks require periodic maintenance to maintain proper function and control. It is recommended that your new Romic shock absorber, be serviced by an Authorized Service Center annually at the very minimum. Please consult www.romicmfg.com for service intervals for your specific application.

Warranty
All Romic MTB shock absorbers carry a warranty of 1 year from the original date of purchase to the original owner. This warranty covers defects in materials and workmanship and is at the discretion of Romic.

Tuning
We also offer a variety of tuning options for your new Romic shock absorber. Please visit us at www.romicmfg.com for more details.

Returns
Please note that you must receive a Return Authorization (RA) number before your Romic shock can be sent in for Service/Tuning/Repair. Please contact Romic directly, or your local Service Center for details. All items received without a RA number will experience significant delay. Shocks having an RA# should be shipped to:

<div align="center">

Romic Service
6878 Sante Fe Ave East
Hesperia, CA 92345
Ph. (760) 244-4478

</div>

1. The RA# should be clearly marked on the outside of the package.
2. We recommend that all returns be boxed, padded and insured.
3. Proof of purchase must accompany return.

For International returns, please refer to www.romicmfg.com, or ph. (760) 244-4478.

Romic Shock Terminology

Note: Never apply grease to Reducer or Eye Bearing.