ROCK SHOX™

Congratulations!

You have just joined the growing number of RockShox™ mountain bicyclists who are now equipped to experience maximum performance and excitement from every ride, on any terrain.

Your RockShox is a sophisticated, oil dampened, air-sprung shock absorption system that combines the best front fork suspension technology available with the special requirements of mountain bicycling.

Your RockShox is designed to last the life of your bicycle with proper care and maintenance. Should it ever be necessary, servicing and rebuilding are quick and easy. Read through this owner's sheet carefully. Promptly fill out and return the enclosed warranty card within ten days to insure that your limited warranty is activated. Call 1-800-677-7177 with any questions or ideas you may have about RockShox. We'd love to hear from you.

Installation and Set-Up

Your RockShox should be installed and set-up onto your bicycle only by a qualified dealer and/or technician. After installation there are features and areas that should be checked periodically for maximum performance and reliability.

Headset Adjustment:



Check to make sure that your headset is always tight and properly adjusted. One method to check this adjustment is to place your hand over the lower headset bearing and fork crown and with the front brake on, rock the bike forward and back. No play or movement should be felt or noticed in the headtube area. In addition, your front forks should turn easily and smoothly from side to side. As with any fork system, this adjustment should be checked after the first five hours of riding your RockShox and before every ride thereafter. (Figure 1)

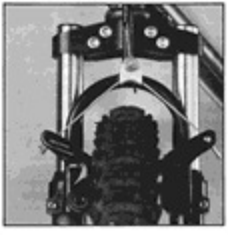
Brake Cross Wire Adjustment:



The distance between the brake cross wire hanger and the brake cable ferrule should be adjusted to a distance of one inch (minimum distance 1/2") when the front brake is applied. This should be constantly re-checked as brake pad wear will alter this distance. (Figure 2)

Note: Shimano's one piece cable hangers will not work on your RockShox.

Tire Clearance:



Check to make sure you have a minimum 2 1/4" of clearance between your tire and your RockShox fork crown. Should you have less than the required 2 1/4" due to tire style, tread, etc., have your dealer or a qualified technician adjust the height of the upper tubes in the crown to the proper 2 1/4" clearance. Clearances greater than 2 1/4" are acceptable and require no readjustment. (Figure 3)

Air Pressure Adjustment & Inflation



To adjust the air pressure in your RockShox simply pop out the dust cap at the top of the fork tube by the fork crown. Next, insert the needle of the inflation gauge into the rubber valve much like a football, soccerball, etc. The air pressure inside your RockShox is increased by pumping

(over)

Air Pressure Adjustment & Inflation

more air through the inflation gauge with the RockShox pump or a Schraeder style pump. Air pressure is decreased by inserting the inflation needle into the rubber valve, depressing the spring loaded pin and bleeding off air. The ideal operating pressure range is between 38-46 psi.
We recommend you start out at 42 psi and adjust the pressure to suit your individual riding style and/or terrain needs. (Figure 4)

For lighter riders or for riding on flat, smooth ground you may want to decrease the pressure in your RockShox to 38-40psi for a softer ride. Heavy or aggressive riders on steep or rough terrain may want to increase the pressure providing firmer, more responsive suspension movement. Changes in elevation greater than 1500' will also require readjustment of your RockShox air pressure - to compensate for changes in elevation, simply repressurize your RockShox as you normally would for any particular terrain and performance requirements.

Riding Your ROCK SHOX™

Your RockShox is designed with an AUTOMATIC STATIC LOCKOUT SYSTEM™ enabling them to function just like any high quality, rigid fork until you encounter rugged, rough, off-road terrain. Your RockShox will then function to significantly absorb the jarring impact from rocks, roots, potholes, etc. RockShox absorbs much of the shock and impact that was previously being absorbed by your arms and shoulders.

Your RockShox was not designed to absorb or overcome the impact load resulting from riding off man made jumps or obstacles, dropping off high terrain or other such activities beyond the intended, original design of your mountain bike. Your RockShox will not compensate for any lack of riding skill or enable you to ride competently and safely beyond your current skill level.

Maintenance and Service Schedule

Before every ride:
Check and adjust as needed the distance between the brake cross wire hanger and brake cable ferrule as you should with any fork system to help insure maximum performance and reliability.

Every 5 hours: Check headset adjustment as described in Fig. 1

Every 5-10 Hours: Clean out seal area. Remove the dust cap located at the top of the fork tube. Wipe or washout the seal area with soapy water and allow to dry. Spray WD-40 or any light oil/rust preventative into the area and re-install the dust cap. (Figure 5)



Every 20 hours (or change in elevation of 1500 feet or more): Measure and adjust the air pressure as required. See Air Pressure Adjustment section. (Figure 4)

Every 150 Hours: Have the main seal cleaned and oil changed by an authorized dealer or technician with the proper RockShox rebuilding tools.

Every 600 Hours: Have the main seals and bushings replaced by an authorized dealer or technician with the proper RockShox rebuilding tools.

Note: *Frequent riding in extremely muddy conditions and failure to clean out the seal area regularly may result in dirt entering the seal and contamination of the oil. This requires that the main seal be cleaned and the contaminated oil be replaced with fresh oil by an authorized RockShox dealer or technician with the proper RockShox rebuilding tools.*

ROCK SHOX™ LIMITED WARRANTY

Your RockShox is covered by a six month warranty on workmanship and a two-year limited warranty on materials to the original purchaser.

For six months after the initial date of purchase, RockShox will repair or replace, free of charge, any problem or malfunction that may occur with your RockShox. This does not include damage, problems or malfunctions that are a result of improper installation or adjustment or damage that may occur to you, your bicycle or to your RockShox from improper installation or adjustment or from damage or malfunction that occurs as a result of riding beyond the intended, original design of your mountain bicycle.

For a period of two years from the initial date of purchase, RockShox will repair or replace any defect in materials that may arise during normal mountain bike use.

These warranties are limited to riding within the intended, original design of your bicycle on natural terrain surfaces or on designated legal areas of public roads and does not include failure or malfunction during use in competition; for use in acts of risk taking; or in ways that are beyond the intended, original design of your mountain bicycle. All costs incurred in the removal and reinstallation of this RockShox shall be borne by the purchaser/user.

As some states limit what can be excluded from this warranty, some restrictions may not apply to you. Warranty card must be filled out and returned within ten days of purchase for this warranty to be valid. Please keep original sales receipts to verify claims.

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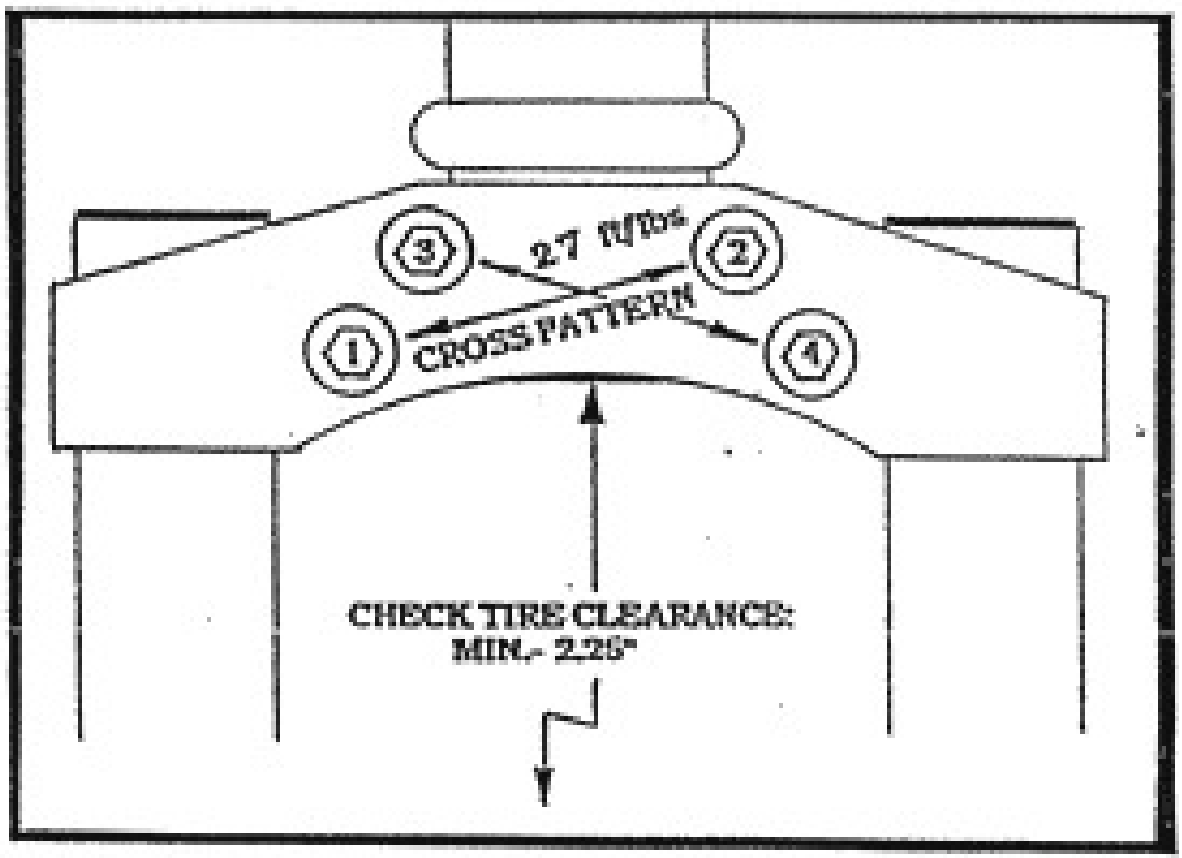
ROCKSHOX

INSTALLING CROWNS, STEERING TUBES, BEARING COLLARS, AND DAMPERS

It is very important when assembling the crown of a ROCKSHOX to use the proper fixing pattern and the proper torques.

Tighten the four crown bolts in a cross pattern. You need to make four passes; tightening on the first pass to 16 ft./lbs., second pass to 24 ft./lbs., third pass to 27 ft./lbs., and the fourth pass to 27 ft./lbs. to recheck.

CAUTION: You will not be able to tighten the crown bolts to 27 ft./lbs. with an allen wrench. You need a torque wrench to insure the 27 ft./lbs. of torque.



WARNING - Failure to tighten the crown bolts properly could result in the crown slipping on the upper legs and bottoming out on the front tire.

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