



SPINNER **FORK**

Model List

Odesa Mag

Odesa

Tridium

EnRoute

Manx

Grind

Grind OS

SPINNER 300

Eagle

Owner's Manual

Setup, tuning and maintenance of your Spinner Suspension Fork

Congratulations on getting a bike with Spinner suspension. To ensure the best performance and longest service life from your Spinner suspension fork, please read and carefully follow these setup, tuning and maintenance instructions.



CAUTION!

All Spinner products must be installed by a qualified bicycle mechanic using appropriate professional tools. **Spinner assumes no liability for products, which are improperly installed.**



WARNING!

Failure to follow these instructions can result in component failure. Component failure can lead to loss of control of the bicycle and result in serious personal injury or death.

Spinner suspension forks should be tuned to your weight, riding style and riding conditions. We recommend that you ask your dealer to set the suspension for you before your first ride. Thereafter, follow these instructions to fine-tune your suspension to meet your needs.

Most Spinner forks have blow off function for safety design. The noise from oil inside would be normal condition.

1. Before you start

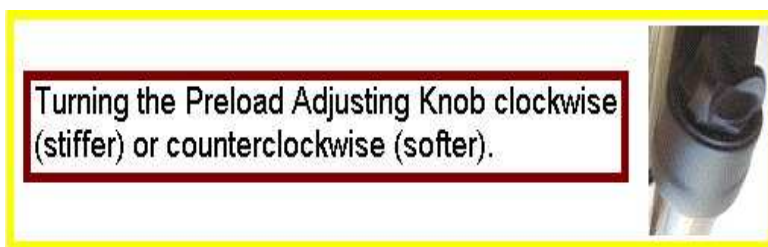
Identify the features : With Lock Out, Dial-Up or Preload Functions.

2. Setup and tuning of Spinner Coil Shock Forks with Preload feature

The Preload feature allows you to tune the initial sag, or static compression, of your fork, and then use that as the base line when tuning for a stiffer or softer ride. Setting up and tuning your Spinner Coil Shock Fork with Preload is done in the following sequence:

- a. **Set the Sag:** Correct sag is directly related to your weight, and is the amount the suspension travels when you sit on the bike in the riding position. The rule of thumb is that sag should be 15 to 20 percents of total suspension movement for XC and 15 to 30 percents for others. For different bikes please check with your dealer or bike manufacturer for specific sag recommendations for your bike's suspension geometry; then:
 - 1) Measure and write down the distance from the front axle to the top of one fork leg.
 - 2) Get on the bike, in riding position, and have a friend measure and write down the distance from the front axle to the top of the same fork leg with your full weight on the bike.
 - 3) The difference between these two measurements is the sag. If the difference between the measurements is more than the dealer's or manufacturer's recommendation, turn the Preload Adjusting Knob clockwise one click at a time until you achieve the recommended sag. If the difference is less than the dealer's or manufacturer's recommendation, turn the Preload Adjusting Knob counterclockwise one click at a time until you achieve the recommended sag.
 - 4) Now, turn the Preload Adjusting Knob counterclockwise, carefully counting the number of clicks, until the knob won't turn any further. Write down the number of clicks from the correct sag setting to zero. You'll want to refer to that often in the future, because it's the starting point for spring rate adjustments.
 - 5) Finally, turn the Preload Adjusting Knob clockwise the exact number of clicks that you turned it from your correct sag setting.

b. Spring Rate Adjustment: The spring rate is the stiffness (or cushiness) of the shock. Once sag has been set for your weight, you may find times when riding conditions warrant more or less stiffness to your suspension. You can adjust the stiffness by turning the Preload Adjusting Knob clockwise (stiffer) or counterclockwise (softer).



c. Lock Out:

I. **Mechanism System** : There are times when you want no movement in your suspension fork. Spinner suspension forks have a lock out knob on the top of the right fork blade. Turn it clockwise to lock out suspension movement. Turn it counterclockwise to activate suspension movement.

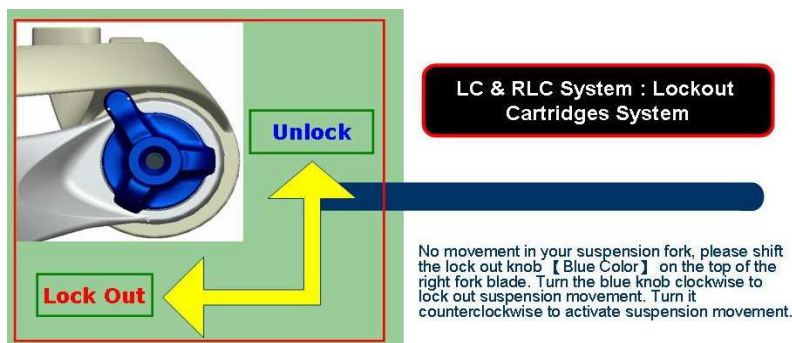


! ATTENTION!!

While the knob unable to turn, please try to compress the fork slightly, then turn it again.

II. Cartridge System

- **LC [Lock Out Cartridge]** Here are times when you want no movement in your suspension fork. Spinner coil Shock forks have a lock out knob on the top of the right fork blade. Turn it clockwise to lock out suspension movement. Turn it counterclockwise to activate suspension movement.




When tuning suspension, make only one change at a time, and write down what you did. This will help you understand how each change affects how the bike rides.

4. Maintenance

After Every 8 hours of Riding

- Clean the fork with warm water, mild soap and a soft, small brush.

 **CAUTION:** Do not use a high-pressure hose or washer to clean the fork or any part of your bike. The high pressure can displace lubricants and force moisture where it can damage components.

After every 20 hours of riding

- Take your bike to your dealer for a checkup of suspension function, headset and other working parts.

WARRANTY

Spinner warrants its products to be free of defects in materials or workmanship for a period of one year from the original date of purchase or one year from the date of manufacturing, whichever comes first. This warranty is extended to the original owner only, and is subject to the following terms and conditions.

TERMS AND CONDITIONS

The warranty does not cover cosmetic or structural damage arising from abuse or misuse including, but not limited to, damage caused by crashes and/or collisions, owner neglect, improper installation and/or assembly, improper maintenance, alterations, modifications, additions, changes to the original product or other excessive, improper or abnormal conditions. Wear and tear in normal use or environmental exposure is not covered by this warranty. Spinner will repair or replace, at its sole discretion, any part(s) or product(s) deemed defective under the terms of this warranty. In the event a product needs to be replaced and is discontinued or not available, Spinner reserves the right to replace the product with one of equal value. No credits or refunds will be issued.

This product is not intended for use in stunt riding, ramp jumping, acrobatics, competitive riding, with power or motor assistance of any kind, riding with heavy loads, extreme riding or similar activities. The user assumes the risk of any personal injuries, product damage/failure, and any other losses, which may arise under such use. Spinner shall not be held responsible for any incidental or consequential damages. Labor charges for parts changes, swaps, or incidental costs such as transportation to and from an authorized dealer for repair or replacement of any defective part or fork are not covered in the warranty.

This warranty gives you specific legal rights, and your rights may vary from state to state (USA only). Spinner does not authorize or permit anyone else, including its dealers, to make any other warranties, expressed or implied, for Spinner.

WARRANTY REPAIR

Warranty claim procedures will vary from country to country. To file a warranty claim, please see your dealer who will contact your local Spinner distributor for specific instructions. A copy of the original sales receipt must accompany all claims.



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