



KS
GTC Suspension Fork
OWNER'S MANUAL

SETTING AIR SPRING PRESSURE (cont'd)

4. Using your forks sag setting o-ring on the left upper tube (or temporarily install a zip tie to the upper tube), slide the o-ring (or zip tie) down against the fork dust wiper. Rotate the compression lever to the Open mode (fully counter-clockwise).

5. Dressed to ride (including a filled hydration pack, if you use one), position your bike next to a wall or table to support yourself. Mount your bicycle. Assume your riding position for at least 10 seconds, allowing the suspension to fully settle. Make sure you distribute your weight evenly between the saddle, handlebars and pedals.

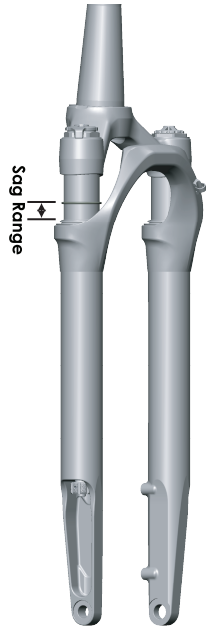
6. While in your riding position, slide the o-ring (or zip tie) down against the fork dust wiper.

7. Dismount your bike without bouncing, to avoid further moving the o-ring or zip tie. Measure the distance between the dust wiper and the o-ring or zip tie. This is your sag measurement. Suggested sag measurements are listed in the table below.

8. Add or remove air pressure until your sag measurement is between 15-25% of your forks total travel.

9. Repeat steps 2-8 and recheck sag measurement.

10. When sag measurement is correct, screw the air cap on clockwise until snug.



READ THIS FIRST

Thank you for purchasing a new KS suspension fork product. Your new suspension fork is warranted for a period of 24-month from the date of purchase. The warranty is expressly limited to the repair or replacement of the defective part and is the sole remedy of the warranty. The warranty applies only to the original owner and is not transferable. Proof of purchase is required to validate warranty eligibility. The warranty does not cover normal wear and tear, routine maintenance, improper installation or improper use of the suspension fork. Modification of the suspension fork in any manner shall void the warranty. Kind Shock Hi-Tech Co., LTD. shall not be responsible for incidental or individual costs incurred by the warranty service provider that are not covered by this warranty. The user assumes the risk of any personal injury or property damage, including damage to the suspension fork, and any other losses, if the suspension fork is modified or improperly used at any time. This warranty gives the consumer specific legal rights and those rights vary from state to state. This warranty does not affect the statutory rights of the consumer.

ATTENTION

This is a high performance product. It will give you reliable service if it is installed properly and regularly maintained by an authorized KS Service Center. Please read through these instructions fully and follow them carefully before you install your new suspension fork.

This product is only suitable for riding styles within ASTM 1 and ASTM 2, such as: pure road/light cross-country/gravel roads.

WARNING

KS suspension fork must be regularly maintained by an qualified service technician. If you need assistance locating a qualified service technician, Service Center locations can be found at www.kssuspension.com. Do not disassemble your suspension fork. Disassembly could cause damage and severe personal injury as some of the contents are under pressure. Failure to follow these warnings and instructions will immediately void your warranty.

BEFORE INSTALLATION

Please be sure your new KS suspension fork is designed to fit in your frame. All ExaForm suspension fork are designed to fit either 1 1/2" head tube diameters only use a 39.8mm crown race. Improper fit may cause slippage, binding, faulty performance, injury and may result in void of warranty.

⚠ never use more than 30mm of height of steerer stem spacers under the steerer stem, as this condition can cause the steerer tube to fail prematurely, causing a loss of control resulting in serious injury or death.

⚠ To avoid potential disc brake failure that could result in serious injury or death, the disc brake caliper mounting bolts must always have 10~12mm of thread engagement with the fork and be kept to the manufacturer's torque specifications. In all cases, the disc brake caliper mounting bolt tightening torque level must never be less than the manufacturer's torque specification, or exceed 10.2Nm(90 in-lb) torque.

⚠ KS Suspension DOES NOT recommend modification or alteration of your frame in any way. Doing so may void your frame or bicycle's warranty and may result in frame failure which could lead to injury or death.

⚠ Make sure your frame is clean and free of debris, grease and the inside of your head tube is smooth and free of any object that may interfere with the proper function of the suspension fork.

BEFORE EACH RIDE

1. Ensure that the quick release lever is tightened and the hub axle is correctly affixed in the dropouts. When the quick release is locked, the lever should point backwards in the horizontal position on the post mount disc brake side of the fork. Axles can only be inserted from the BRAKE MOUNT (rider's left) side of the fork. Bolt-on axles should be tightened to a maximum torque of 10Nm. KS forks are available in hub widths (O.L.D.)of:100mm

2. Inspect the entire exterior of your fork. The fork should not be used if any of the exterior parts appear to be damaged. If any damage is apparent, contact your local dealer for further inspection or repair.

3. Check air spring preload to ensure it is within proper operating range for the rider.

4. Check your headset adjustment. If loose, adjust it accordingly to your bicycle manufacturer's recommendations.

5. Check that all brake cables or hoses are properly fastened.

6. Test the proper operation of your front and rear brakes on level ground.

7. Before every race or ride, clean the outside of your fork with only mild soap and water, and wipe dry with a soft, dry rag. Do not spray water directly into the seal/upper tube junction. Do not use a high pressure washer on your fork.

SETTING AIR SPRING PRESSURE

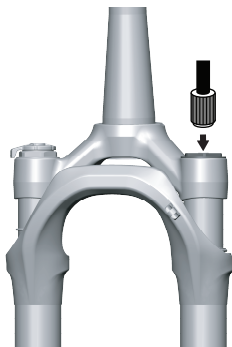
NOTE: Maximum air spring pressure is 160psi, minimum air spring pressure is 50psi. Pressure should be measured at an ambient temperature of 70-75°F. Normal operating temperature range for forks is 20-140°F.

To achieve the best performance from your fork, adjust the air pressure to attain your proper sag setting. Sag is the amount your suspension compresses under your riding weight and gear. Recommended sag is 15-25% of total fork travel.

1. Unscrew the air cap on top of the left fork leg to expose the Schrader air valve

2. Attach a High Pressure Shock Pump such as the KS Air-8 to the Schrader valve.

3. Pump your fork to the appropriate pressure as listed in the 'Suggested starting points for setting sag' table below, then remove the pump.



Suggested Sag Table			
Rider weight		Air Pressure	
kgs	lbs	psi	bar
52-60	115-132	84-92	6.8-6.3
62-70	136-154	94-102	6.5-7
72-80	158-176	105-112	7.2-7.7
82-90	181-198	114-122	7.9-8.4
92-100	203-220	124-132	8.6-9.1
103-110	227-242	134-142	9.2-9.8

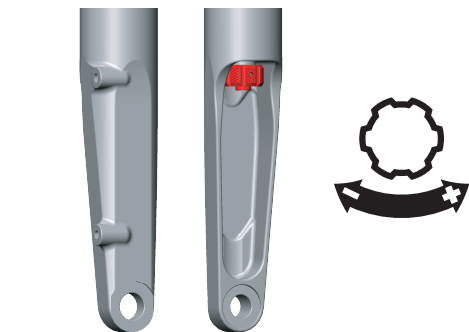
These pressure recommendations serve as a baseline. Final adjustments may vary based on riding style, terrain conditions, and personal preference.

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ADJUSTING REBOUND DAMPING

NOTE: Rebound controls how fast the fork extends after compression

The rebound adjustment is dependent on the air pressure setting. For example, higher air pressures require more rebound damping.



1. Turn your rebound knob to the closed position (full clockwise when viewed from the bottom)

2. Adjust the rebound damping knob counterclockwise until the desired rebound speed is achieved.

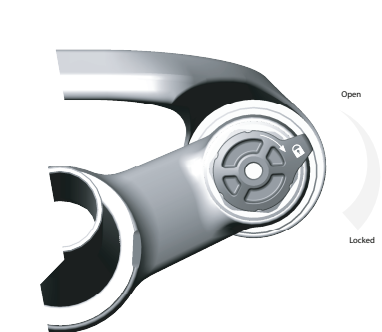
3. Top out is felt when a fork fully extends too quickly and comes to an abrupt stop when it reaches full extension (you will hear/feel a small noise). Top out should be avoided through proper rebound setting.

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ADJUSTING LOCKED FUNCTION

NOTE: compression characteristic of the fork and includes a lockout function.

Counter-clockwise rotation indicates open mode, while clockwise rotation indicates locked mode.



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GENERAL CARE & MAINTENANCE

Minimum Recommended Service Items	Before every ride	After every ride	Regularly	Every 125 hours or yearly, whichever comes first*
Inspect the entire exterior of your fork/shock. The fork should not be used if any of the exterior parts appear to be damaged. Contact your local dealer for repair.	●			
Check that axles are properly adjusted and tightened.	●			
Check your headset adjustment. If loose, adjust it accordingly to your bicycle manufacturer's recommendations.	●			
Check that all brake cables or hoses are properly fastened. Test the proper operation of your front and rear brakes on level ground.	●			
Clean exterior with mild soap and water only, then wipe dry with a soft towel. Do not use a high-pressure washer or spray water directly at the seal/shock body junction.		●		
Check sag and damper settings. Inspect the controls for visual damage and function.			●	
Full service (full internal/external inspection, seal replacement, bath oil and wiper replacement).				●

After 125 hours of riding, your fork should be fully serviced by an Authorized ExaForm Service Center.

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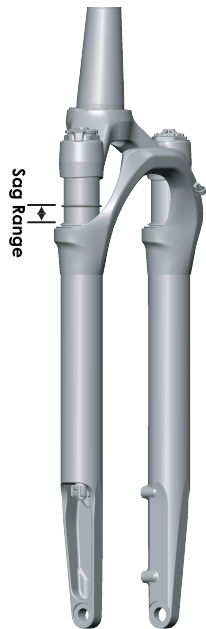
MORE INFORMATION

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- While in your riding position, slide the o-ring (or zip tie) down against the fork dust wiper.
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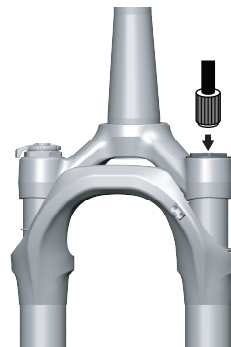
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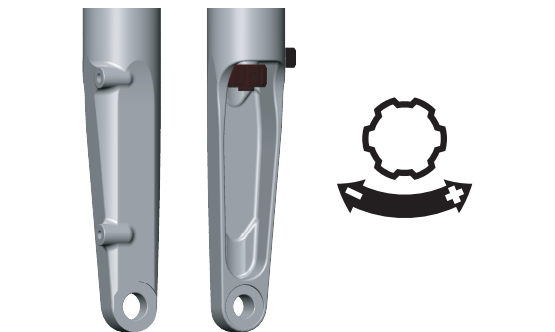
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