

# GIANT CREST 34 SUSPENSION FORK FAQ

## What should I regularly check on my Crest 34 suspension fork?

Before every ride, check your Crest 34 suspension fork and bike:

- Check the surface of the suspension fork for bending, deformation or cracking.
- Check the suspension fork for leaks.
- Check the correct air pressure setting of the suspension fork.
- Check the correct tightness of all bolts.
- Check the correct tightness of the thru-axle.
- Check the correct tire pressure for your tire type and riding experience.
- Check the correct functioning of the braking system.
- If you encounter difficulties, please contact your Giant authorized retailer.

## What are the recommended service intervals for my Crest 34 suspension fork?

For your riding safety, maintain your Crest 34 suspension fork regularly.

Service interval	Action
Before riding	Check your fork, bike and all components for wear and damage
After each ride	Clean fork stanchions and wiper seals
After 50 hours of riding	Fork lower leg service
After 200 hours of riding or 1 year	Air spring and Damper service

## What is the proper way to clean my Crest 34 suspension fork?

Clean fork stanchions and wiper seals after each ride, but DO NOT use a high pressure washer or similar, as you may cause damage to the fork.

## Where can I find the Crest 34 suspension fork Owner's Manual?

Scan the QR code to the right or visit the Giant global website to download a user manual:  
<https://www.giant-bicycles.com/global/manuals>



## Is it OK to store my Crest 34 suspension fork in extreme cold or hot conditions?

The Giant Crest 34 suspension fork has passed an extreme function test, with the optimal stored environment temperature between -30°C ~ 80°C.

## What is the maximum weight limit for the Crest 34 suspension fork?

Maximum riding weight for the Crest 34 suspension fork is 136kg (299lbs). This includes rider + accessories. For your safety, do not exceed the maximum weight limit.

**Can the Crest 34 suspension fork be used on an E-Bike?**

The Crest 34 suspension fork is designed for non-electric mountain bike use on trail or XC terrain. The Crest 34 suspension fork is not intended for use on e-bikes.

**Can the Crest 34 suspension fork be used on a downhill bike?**

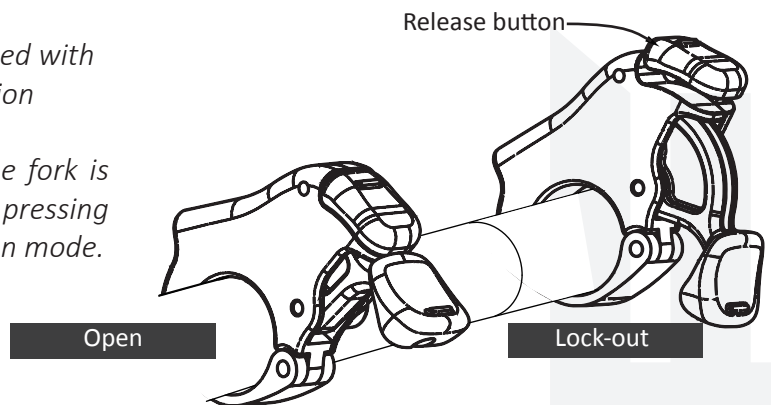
Free ride, downhill and other extreme riding situations need very specific components. The Crest 34 suspension fork is designed for trail or XC terrain only.

**Can I install my Crest 34 suspension fork on a different MTB frame?**

Please consult your Giant authorized retailer to select the correct Crest 34 suspension fork which best fits your bicycle's specification. The fork should be installed by a Giant authorized retailer in accordance with stated installation instructions. Improper installation will cause malfunction of your suspension fork and could cause serious injury or death.

**How do I operate the handlebar remote lockout switch?**

Certain Crest 34 models are equipped with a handlebar mounted two position (open/lock-out) remote control. When the lever is clicked down, the fork is locked out. When it is clicked up, by pressing the release button, the fork is in open mode.

**My Crest 34 suspension fork did not come with a remote lock out switch -can I add a remote lockout?**

Yes. There is a remote control service kit available from Giant and can be ordered and installed by your local authorized Giant retailer.

## What is sag and why is it important?

Sag is the amount the suspension moves under the weight of the rider and gear when the rider is just sitting on the bike. Setting correct sag is essential to achieve optimal suspension performance.

### How do I set sag?

1. Before setting the sag value, turn the rebound damper knob counterclockwise (to the fastest setting) until it stops and move the low speed compression knob counterclockwise to open position.
2. Check your weight with the suggested air spring pressure value and use a shock pump to add air until you reach to the correct suggested pressure.
3. Move the O-ring down the stanchion to the seal of the fork lower. .
4. Using a wall, fence, tree or an assistant for support, get on your bike wearing full riding kit and assume a natural riding position with both feet on the pedals and hands on the handlebars.
5. Gently get off your bike and measure the distance from the seal of the fork lower to the O-ring to determine the sag value.
6. Adjust air pressure and repeat steps 1-5 above until you reach recommended sag.

**IMPORTANT:** If the recommended air pressure for rider weight is less than 100psi, add air to the chamber until you reach 100psi and then use the shock pump to gradually release air to the desired pressure.

SUGGESTED SAG VALUE		
FORK TRAVEL (mm)	SAG (%)	SAG (mm)
100	20	20mm
120	20	24mm

### What is the recommended air pressure based on my weight?

Set your Crest 34 fork air pressure according to your weight listed below:

AIR SPRING PRESSURE SETTING		
	120MM TRAVEL	100MM TRAVEL
RIDING WEIGHT kg (lbs)	AIR PRESSURE (psi)	AIR PRESSURE (psi)
54-59 (120-130)	56	61
59-64 (130-140)	63	69
64-68 (140-150)	70	76
68-73 (150-160)	76	82
73-77 (160-170)	83	89
77-82 (170-180)	89	98
82-86 (180-190)	96	103
86-91 (190-200)	102	110
91-95 (200-210)	109	117
95-100 (210-220)	116	124
100-104 (220-230)	123	131
104-109 (230-240)	130	138
>109 (>240)	140	140
MAX RIDING WEIGHT LIMIT	136kg (299lbs)	136kg (299lbs)
MAX. AIR PRESSURE	140	140



**WARNING**

Do NOT exceed the maximum air pressure for the fork.

### **What is the maximum air pressure for the Crest 34 suspension fork?**

The maximum air pressure for the Crest 34 suspension fork is 140 psi. Do NOT exceed the maximum air pressure for the fork.

### **Can I install volume spacers (tokens) to adjust the feel of the Crest 34 suspension fork?**

Yes, you can adjust the quantity of air tokens in the Crest 34 to achieve your desired performance feel. Your authorized Giant retailer can order the token service kit from Giant and perform the installation for you. Do NOT exceed the maximum number of air tokens in the Crest 34 suspension fork.

<b>AIR SPRING PRESSURE SETTING</b>		
	<b>120MM TRAVEL</b>	<b>100MM TRAVEL</b>
<b>FACTORY INSTALLED TOKENS</b>	1	3
<b>MAX. NUMBER OF TOKENS</b>	4	5



**WARNING**

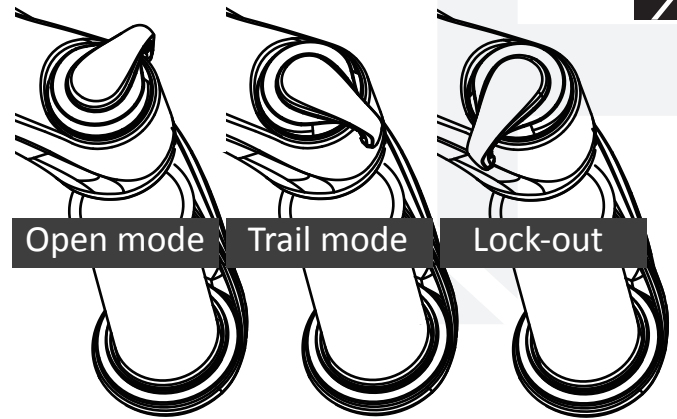
Do NOT exceed the maximum number of air tokens.

### **Will adjusting the quantity of air tokens change the travel of the Crest 34 suspension fork?**

Adjusting the quantity of air tokens can help you achieve your desired performance feel. Adjusting the quantity of air tokens will not change the travel of the Crest 34 suspension fork.

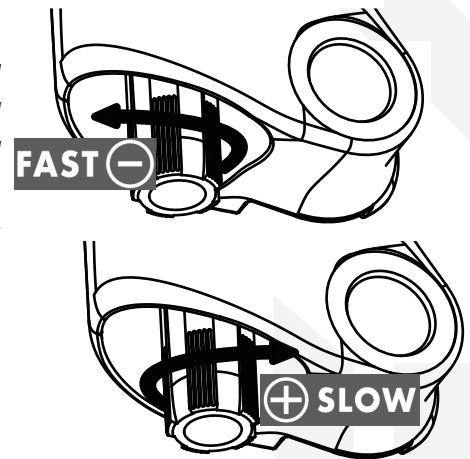
### How do I change the low speed compression setting on the Crest 34?

The multi-function adjustable compression circuit on the Crest 34 has three modes: open mode, 3x trail modes and lock-out. Open mode allows full compression for descending on more technical terrain while trail and lock-out modes give progressively firmer damping for riding rolling terrain or for climbing.



### What is rebound and how do I change the rebound setting on the Crest 34?

Rebound controls the extension speed of the fork when the fork compresses during your ride. Adjust the rebound speed of your Giant Crest 34 fork to fit your preferred riding style by clicking through the indexed points from the slowest "0 clicks" position (turn rebound damper knob completely clockwise) to the fastest "24 clicks" position (turn rebound damper knob completely counterclockwise).



### How do I check the lockout function on the Crest 34 fork after storing the bike on a rack or in the garage?

When you carry your bike on a rack or hang the bike in the garage, you may encounter abnormality in the Crest 34 lock out function. Release air from the air spring chamber. Open the low speed compression and open the rebound damper. Slowly compress fork to full travel and then let fork travel restore to original position 3 to 5 times. Ensure the lockout function before every riding.

## What type of axle is on my Crest 34 suspension fork?

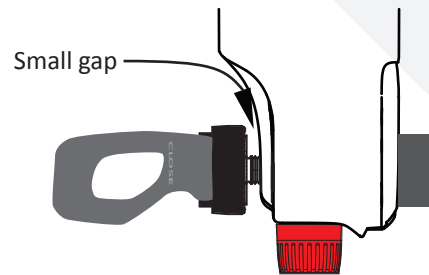
Giant Crest 34 models are equipped with a 15mm thru-axle system featuring an indexed nut for proper closure adjustment. Please consult a Giant authorized retailer to make sure you have a complete understanding of how to correctly install the thru-axle before riding. Improper installation can cause malfunction of the wheel and lead to serious injury or death.

## How do I properly tighten the thru axle on the Crest 34 suspension fork?

1. Install the front wheel into the Giant Crest 34 suspension fork. Align the hub of the front wheel with dropouts of the fork, making sure the rotor of the disc brake system is correctly aligned between the brake pads of the brake caliper. If the hub and/ or rotor do not align, do not force the wheel, remove it and start the process again. Refer to the disc brake manufacturer's user manual for proper set up and alignment of the disc brake.

2. With the lever of the thru-axle in the open position, insert the thru-axle through the fork drop out and the hub from the drive side.

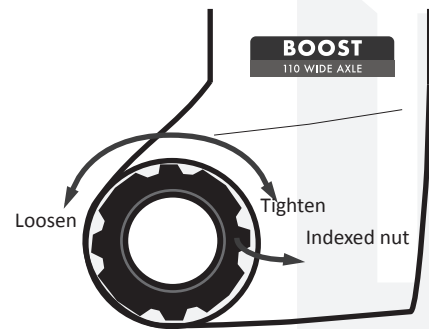
3. Tighten the thru-axle clockwise until there is a small gap between the lever head and fork dropout and it is in an open horizontal position pointing toward the front of the bike. The lever should close smoothly and firmly until it is fully closed and pointing away from the front of the bike. You should not have to force it closed. Tension is sufficient if the lever leaves a slight imprint on your hand after it is fully closed.



4. If the lever is too tight to close, do not force it, remove the thru-axle and adjust the indexed nut on the non-drive side of the fork by one increment in a counter-clockwise direction. Repeat as necessary until the lever closes smoothly and firmly.

5. If the lever is too loose and does not close firmly, remove the thru-axle and adjust the indexed nut on the non-drive side of the fork in a clockwise direction. Repeat as necessary until the lever closes smoothly and firmly.

If you are unsure about the tightness or the position of the thru-axle after installation, please consult your Giant authorized retailer.



## What is the widest tire I can fit with my Crest 34 suspension fork?

The Giant Crest 34 suspension fork is available for 27.5 inch and 29 inch wheel dimensions. The Crest 34 27.5 fork fits up to a 27.5 x 2.6 standard tire and the Crest 34 29 fork fits up to a 29 x 2.4 standard tire. Any tire size must be checked with fork fully compressed and have a minimum of 6.0 mm tire to crown/or lower leg arch clearance. Please check the original specification of your bike and refer the manufacturer's user manuals for tire installation recommendations and instructions.

