



BONTRAGER SEATPOST OWNER'S MANUAL



Figure 1- Bontrager seatpost

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READ THIS MANUAL BEFORE YOU RIDE

Please read this instruction manual thoroughly before using your new seatpost; it contains important safety and maintenance information.

If you do not understand the information in this manual, or you have a question about your seatpost that this manual does not cover, consult your Bontrager dealer. If you have a question or problem that your Bontrager dealer can't handle, contact us at:

Bontrager Components
Attn: Customer Service
801 W. Madison Street
Waterloo, Wisconsin 53594

920.478.4678
<http://www.bontrager.com>

The seat, the part you sit on when riding a bike, is held in place by the seatpost (Figure 2). The seatpost binder secures the seatpost in the frame. Proper adjustment of each component is important for your comfort and pedaling efficiency. This section explains how to inspect, adjust, and lubricate your seatpost.

Inspect your seatpost regularly

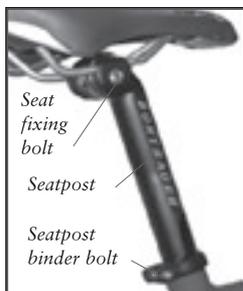


Figure 2- Seatpost parts

Every month inspect the seatpost quick-release lever, or seat post binder bolt, and seat fixing bolt (Figure 2) for proper tightness. Make sure the seat is secure by attempting to turn the seat and seatpost in the frame, and attempt to move the front of the seat up and down. If the seat rotates, is loose, or moves up and down, tighten the binder bolt or quick-release, or seat fixing bolt, and repeat the test. Never engage the seatpost binder with the seatpost out of the frame.

Tighten the following bolts:

- Seat post binder (Figure 2): 85-125 lb•in (9.6-14.1 Nm), or 65-80 lb•in (7.3-9 Nm) for a carbon fiber seatpost.
- Seat fixing bolt: 100-150 lb•in (11.3-17.0 Nm).

For a seatpost binder using a quick-release lever, the mechanism works the same as a wheel quick-release. Adjust the lever tension, and make sure it is in the **CLOSED** position.

Inspecting a carbon fiber seatpost

Unlike metal parts, carbon composite parts that have been damaged may not bend, bulge or deform; a damaged part may appear to be normal to a cursory glance. After any high force load, like a crash, or other impact to your bicycle, thoroughly inspect your carbon composite seatpost:

- Check for scratches, gouges, or other surface problems.
- Check the part for loss of rigidity.
- Check the part for delamination.

If the part has any problems, do not ride the bike. Take the bike to your dealer for replacement or further inspection.

WARNING

A damaged carbon fiber part can fail suddenly, causing serious injury or death. Inspect a carbon fiber part for damage frequently. If you suspect a carbon fiber part is damaged, replace the part before riding, or take the bike to your dealer for service.

Installation instructions

Bontrager Race, Race Lite, Race X Lite, and Race XXX Lite seatposts are only compatible with saddles having mounting rails of 7mm diameter. If you are not sure of the diameter of our saddle rails, consult your dealer.

Generally, it is easier to remove the saddle with the seatpost held firmly in the bike frame. However, the old seatpost may be corroded slightly, making removal or the seatpost difficult without the seat attached for leverage and grip. These instructions explain how to remove a seatpost that may be slightly corroded.

To remove an old seatpost

1. Loosen the seatpost binder bolt.
2. Twist the saddle to loosen and partially remove the seatpost from the frame.
3. Re-tighten the seatpost binder bolt.
4. Loosen the saddle clamp bolts enough to remove the saddle from the saddle clamp.
5. Remove the seatpost.

To install the seatpost

1. Visually inspect the top edge and interior surface of the seat tube for burrs or deformation that might mar the seatpost.
2. With your finger, again check the seat tube.

If there are any rough spots or burrs, remove them before going to the next step.

3. Grease the seatpost, except for models with a carbon fiber seatpost tube.

Apply a light bearing grease to the seatpost where it inserts into the seat tube. This helps prevent galvanic corrosion where the aluminum seatpost can chemically bond to the steel, aluminum, carbon, or titanium seat tube.

Some manufacturers tell you not to grease the seatpost with some frames. As an example, Trek says that a special insert inside the seat tube of OCLV carbon frames means you should NOT grease a seatpost inserted into an OCLV frame. If you are unsure, check with the manufacturer.

5. Insert the seatpost into the frame to its minimum insertion mark.
6. Tighten the seat clamp bolt.

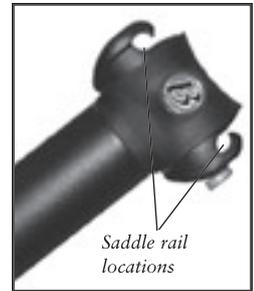


Figure 3- Bontrager saddle rails clamping mechanism

To install the saddle

1. Loosen the saddle clamp bolt (Figure 4).
2. Slide the saddle rails into the rail grooves of the compression wedges.
3. Adjust the tilt and setback of the saddle to your preference.
4. Follow the **Inspection** procedures to tighten the saddle clamp.

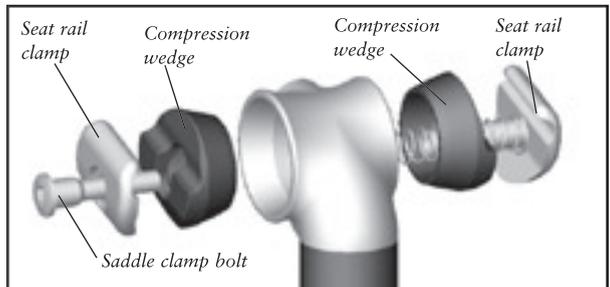


Figure 4- Exploded view of saddle clamp

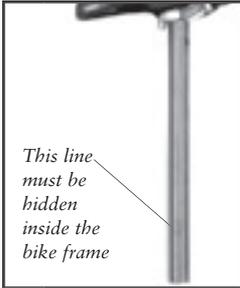


Figure 5- Minimum insertion mark on seatpost

To adjust the saddle tilt

1. Loosen the saddle clamp bolt several turns.
2. While tilting the saddle, apply pressure to the top of the saddle directly above the saddle clamp.
Pressure on the saddle helps release the compression wedges.
3. Tilt the saddle to the desired angle.
4. Follow the **Inspection** procedures to re-tighten the saddle clamp bolt.

To adjust the saddle height

1. Loosen the seatpost binder bolt, or quick-release.
2. Slide the seatpost up or down to your preferred saddle position.
3. Make sure the minimum insertion mark (Figure 5) on the seatpost is not visible above the bike frame. A minimum of 2 1/2 inches (64 mm) of seatpost must remain in the frame.
4. Re-tighten the seatpost quick-release, or bolt, as described in **Inspection**.

WARNING

A seatpost that is positioned too high can damage the bike and can cause you to lose control and fall. Make sure the minimum insertion mark (Figure 5) is inside the frame.

Bontrager Warranty

Trek Bicycle Corporation warrants each new Bontrager component against defects in workmanship and materials for the a period of one year from the date of sale.

This warranty does not cover-

- Normal wear and tear
- Improper assembly
- Improper follow-up maintenance
- Installation of parts or accessories not originally intended for, or compatible with, the wheels as sold
- Damage or failure due to accident, misuse, abuse, or neglect
- Labor charges for part replacement or changeover

This warranty is void in its entirety by any modification of the component or its parts.

This warranty is expressly limited to the repair or replacement of a defective item and is the sole remedy of the warranty. This warranty extends from the date of purchase, applies only to the original owner, and is not transferable. Trek is not responsible for incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

Claims under this warranty must be made through an authorized dealer. Proof of purchase is required.

This warranty gives the consumer specific legal rights, and those rights may vary from place to place. This warranty does not affect the statutory rights of the consumer.