



Thank you for choosing Teravail. Teravail designs bicycle parts and accessories that deliver top-tier performance at every turn, so you can ride with confidence. Please take the time to register your product before hitting the trails.

▲ WARNING: Cycling can be dangerous. Bicycle products should be installed and serviced by a professional mechanic. Never modify your bicycle or accessories. Read and follow all product instructions and warnings including information on the manufacturer's website. Inspect your bicycle before every use. Always wear a helmet.

Compatibility & Intended Use: ASTM 3



This is a set of conditions for operation of a bicycle that includes Condition 1 and Condition 2 as well as rough trails, rough unpaved roads, and rough terrain and unimproved trails that require technical skills. Jumps and drops are intended to be less than 61 cm (24").

Additional Product and Safety Information can be found at the website: www.teravail.com/for/safety.

SEATPOST DIAMETER IS CRITICAL: Confirm seatpost and frame compatibility. If the seat tube diameter is not printed at the base of the current seatpost, measure the post diameter or seat tube diameter with a pair of calipers.

▲ WARNING: Seatpost diameter is critical and must precisely match the diameter of the frame's seat tube. Using the incorrect size seatpost could damage the seatpost or your bicycle frame. If you are not sure of the right size, consult your local bike shop.

Tools & Supplies Required

- Grease
- 4mm, 5mm or 6mm hex-bit socket to match size of seat clamp fastener
- File or Fine Grit Sandpaper
- Torque wrench with Newton meter (Nm) scale
- Carbon friction paste for carbon seatposts or aluminum seatposts in carbon frames

▲ WARNING: Improper installation of bolts or hardware may lead to product failure, causing serious injury. Do not exceed specified torque values.

Seatpost Installation

1. Clean the inside of the seat tube and remove any burrs with file or fine grit sandpaper. Lightly grease the inside of seat tube (Fig. 1).

NOTE: Use carbon assembly paste instead of grease for carbon seatposts or when installing a metal seatpost in a carbon frame.

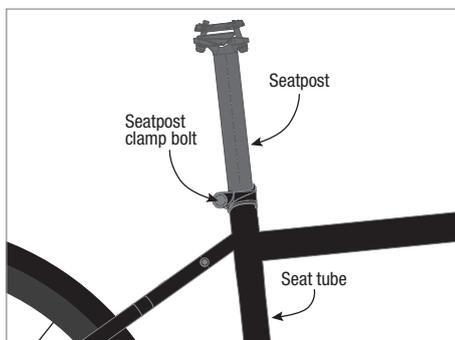


Figure 1

2. Slide the seatpost into seat tube at least until the MINIMUM INSERTION marking on the seatpost is no longer visible (Fig. 2). Then tighten the seatpost clamp bolt until it is snug. **DO NOT SIT ON THE BIKE AT THIS POINT AS THE SEATPOST CAN SLIDE INTO THE FRAME AND CAUSE DAMAGE.**

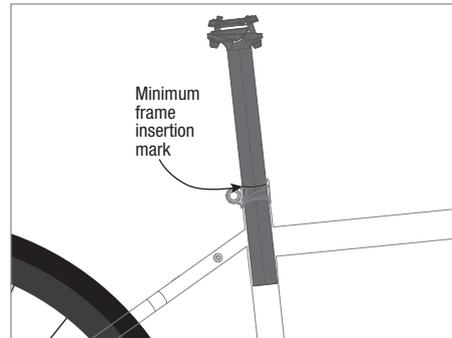


Figure 2

▲ WARNING: Do not tighten seatpost bolt or ride the bicycle if clamp pieces and bolt are misaligned.

▲ WARNING: Overtightening the seatpost clamp can damage both the seatpost and the frame resulting in failure, a loss of control, and serious injury.

▲ WARNING: Never scratch a height mark into a carbon seatpost. Doing so can cause it to break. Instead wrap a piece of electrical tape around the seatpost to mark the desired height or paint a line on it.

Saddle Installation

FOR TWO-BOLT SEATPOST

1. Loosen both seatpost saddle bolts until they are flush or slightly recessed into the nuts. Remove the rearmost bolt so the clamps can open enough to allow saddle installation (Fig. 3).

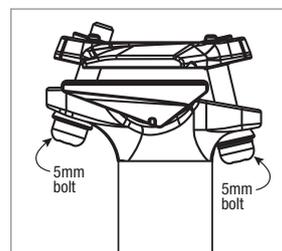


Figure 3

2. Slide the saddle rails into the grooves on the saddle rail cradle. Adjust the fore, aft and angle to the position you desire. To obtain a parallel setting, place a flat board on top of the saddle and adjust so the board is parallel to the ground. Once the angle is set, reinstall the rearmost bolt and tighten both saddle clamp bolts equally to the torque shown on the saddle clamp.

FOR HIDDEN-BOLT SADDLE CLAMPS

1. Loosen both the adjustment wheel at the top of the saddle rail clamp and the 5mm bolt below the saddle rail clamp enough to allow saddle installation (Fig.4).

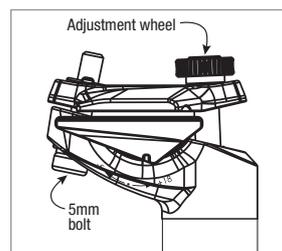


Figure 4



- Slide the saddle rails into the grooves on the saddle rail cradle. Adjust the fore and aft and angle to the position by loosening and tightening the adjustment wheel and the rearward bolt. To obtain a parallel setting, place a flat board on top of the saddle and adjust so the board is parallel to the ground. Once the angle is set, tighten the rearward bottom 5mm bolt to the torque shown on the saddle clamp.
- Adjust the saddle height to your preference making sure the seatpost MINIMUM depth marking remains below the top of the seat tube. Then tighten the seatpost clamp bolt to the frame or seatpost clamp's torque specification, whichever is less (Fig 1).

▲ WARNING: Improper installation of the saddle clamp bolts or hardware may lead to product failure, causing serious injury. Do not exceed specified torque values.

▲ WARNING: Never use a quick release-style seat clamp with a carbon seatpost. Use only standard seat clamps with a threaded bolt.

Ongoing Seatpost Maintenance

▲ WARNING: Improper installation of bolts may lead to product failure, causing serious injury. Do not exceed specified torque values. Periodically inspect bolts and tighten if required.

▲ WARNING: Inspect your seatpost before every ride. Never ride a creaking, bent, broken, or loose saddle or seatpost. Do not overtighten the saddle clamp bolts as this may damage the seatpost resulting in product failure or serious injury while riding. If any of these issues occur, stop riding the bicycle and take it to a bicycle mechanic for inspection.

- Periodically inspect saddle clamp and seatpost clamp bolt(s) and retighten if required
- Clean with light soap and water. Dry with a rag

Carbon Seatpost Care

HOW TO INSPECT A CARBON COMPONENT

Visually inspect your entire bike before every ride. Pay particular attention to carbon components like the fork, handlebar, or seatpost. Check for cracks, breaks, chips, splinters, or signs of delamination. If you detect any, do not ride your bicycle. If you are unsure about the condition of any component on your bicycle, consult your dealer. Do not ride a bicycle with a damaged component.

▲ WARNING: A crack, chip, break, splinter, or delamination on a carbon component is serious. Do not ride your bicycle if you detect any of those conditions. A compromised carbon component can fail suddenly, leading to a crash and serious injury.

HOW TO DETECT CARBON DELAMINATION

Perform a visual inspection on glossy carbon components: The finish should appear glassy or shiny and have a "deep" appearance. Delaminated areas will appear cloudy or opaque.

Perform a physical inspection: Wipe along the carbon component with a rag, feeling for bulges, soft or deformed spots, or areas that are no longer smooth.

Listen for unusual creaking noises: Damaged or deteriorating carbon components can make creaking noises as they move or are stressed.

To locate the source of the noise, gently tap along the carbon component with a plastic screwdriver handle. Tapping should cause solid, sharp and consistent sounds. Mark any location that produces a dull or muffled sound and have the component inspected by a professional bicycle mechanic.

Limited Warranty

This product is warranted against defects in materials and workmanship for 5 year(s) from the date of retail purchase of the product, subject to the limitations detailed below. Save your dated receipt for proof of purchase.

This warranty does NOT cover the following:

- Damage due to improper assembly or follow-up maintenance or lack of skill, competence or experience of the user or assembler
- Products that have been modified, neglected, used in competition or for commercial purposes, misused or abused, involved in accidents or anything other than normal use
- Installation of components, parts or accessories not originally intended for or compatible with product as sold
- Damage or deterioration to the paint, surface finish, aesthetics or appearance of the product
- Normal wear and tear
- Labor required to remove and/or refit and re-adjust the product within the bicycle assembly

This limited warranty is expressly limited to the repair or replacement of the original product, at the option of Teravail, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the Teravail product and is not transferable. This warranty applies only to products purchased through an authorized dealer or distributor. In no event shall Teravail be liable for any loss, inconvenience or damage, whether direct, incidental, consequential, or otherwise resulting from breach of any express or implied warranty or condition, of merchantability, fitness for a particular purpose, or otherwise with respect to Teravail products except as set forth herein.

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

TO THE EXTENT NOT PROHIBITED BY LAW, THESE WARRANTIES ARE EXCLUSIVE AND THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS INCLUDING WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

WARRANTY REGISTRATION

Proof of purchase is required before a warranty claim is processed. Teravail therefore strongly encourages warranty registration at teravail.com. Failure to register will not affect consumer rights under the limited warranty stated above, so long as the consumer can show in a reasonable manner proof of original ownership and the date the Teravail product was purchased. If you have any questions contact warranty@teravail.com.

Submitting a Claim can be made anywhere Teravail products are sold. When in doubt, contact your local shop. Please provide details about what happened including but not limited to other components used in conjunction with the alleged defective Teravail part.

NOTE: The term of the Warranty is not a guarantee of the product's useful life. Product life is influenced by how the product is used, stored, and maintained over time. The Warranty is not meant to suggest the product cannot be broken or that the product will last forever. The Warranty only means the product is covered subject to the terms of the Warranty.

Produktthinweise finden Sie auf der Website: teravail.com/for/safety

Las instrucciones del producto pueden encontrarse en el sitio web: teravail.com/for/safety

Le mode d'emploi est disponible sur le site Web : teravail.com/for/safety

Le istruzioni sul prodotto si trovano sul sito: teravail.com/for/safety

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