

DIMENSION FORK INSTRUCTIONS

Thank you for purchasing a Dimension Fork!

Dimension Forks are intended for recreational riding, not aggressive riding, stunt riding or racing.

▲ 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 RIDE. ALWAYS WEAR A HELMET.

For additional product and safety information go to:
www.dimensionbikeproducts.com/safety.html

INSTALLATION INSTRUCTIONS

TOOLS:

- Crown race setting tool
- Hammer/mallet
- Hacksaw
- Steerer tube cutting guide (recommended)
- Cutting fluid (recommended)
- Allen wrenches: 4, 5, 6mm, torque wrench that measures in Newton meters
- Headset wrenches (according to headset manufacturer) (For threaded forks only)

NOTE: Dimension forks come with either 1" or 1-1/8" threaded or threadless steerers

- Verify that the fork, headset and all required parts for proper assembly have compatible dimensions. The fork, headset, headset spacers and stem steerer clamp must have compatible diameters. Incorrect use of components can cause component failure
- Make sure headset parts that come into contact with the steerer tube are free of burrs or sharp edges. Remove burrs or sharp edges by using very fine grit sandpaper

THREADED FORKS

- Once the headset cups have been installed into the frame according to the headset manufacturer's instructions, install the crown race. Holding the fork in one hand, install the headset's fork crown race onto the fork race seat with a headset crown race setting tool and hammer (figure 1).

▲ WARNING: Do not rest the fork dropouts on the floor or other hard surface; doing so can damage the fork, making it unsafe

- Install the bottom assembly of the headset according to the manufacturer's instructions and insert the fork into the headtube. Install the top assembly of the headset according to the manufacturer's instructions

- If the steerer tube is too long, mark the steerer at the top of the locknut (figure 2). Disassemble and cut using a hacksaw and cutting guide (figure 3). Reassemble the headset

▲ WARNING: With the headset cups installed, there must be enough threads at the top of the fork for the upper bearing cup, a spacer, and the headset locknut to be fully engaged

- Using a headset wrench, tighten the adjusting race until it makes contact with the bearings but still turns freely. Hold the adjusting race in place, and tighten the locknut (figure 4). If there is play in the headset, loosen the locknut and tighten the adjusting race further. If the headset does not turn freely, loosen the locknut, loosen the adjusting race and re-tighten the locknut

▲ WARNING: The expander wedge of the quill stem must sit below the threaded portion of the fork steerer. Tightening the wedge in the threaded portion can cause the threads to crack which could cause the rider to lose control and crash causing serious injury or death

- Attach the quill stem and front wheel to the fork, and align the stem with the front wheel. Tighten the stem bolt to the stem manufacturer's specifications. If the stem can be twisted around the steerer after the stem bolts have been tightened, the stem is not tight enough. Repeat the steps above as necessary to achieve the proper headset adjustment, stem alignment, and stem tightness
- Check the tightness of the stem bolts before each ride, and inspect the fork for damage before every ride

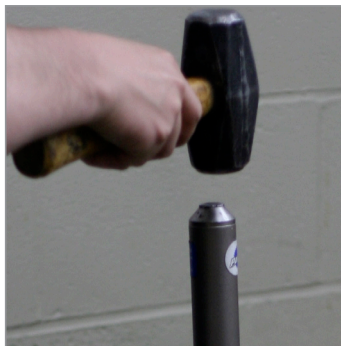


Figure 1

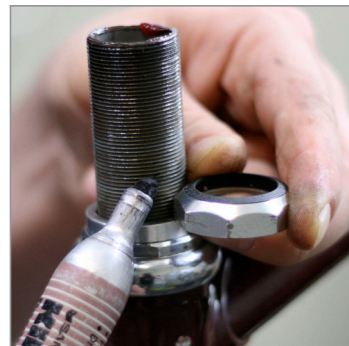


Figure 2

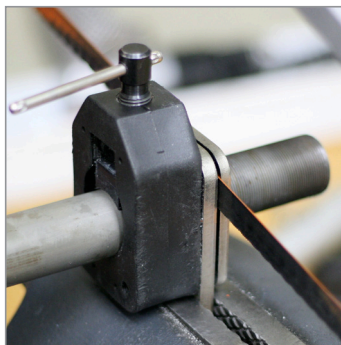


Figure 3

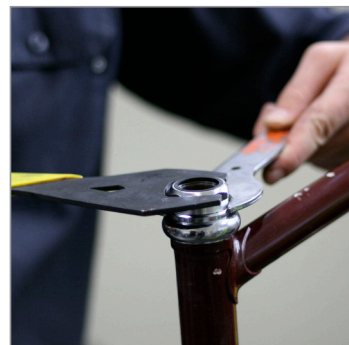


Figure 4

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2842 07/13



DIMENSION
BICYCLE COMPONENTS

DIMENSION FORK INSTRUCTIONS

THREADLESS FORKS

- Once the headset cups have been installed into the frame according to the headset manufacturer's instructions, install the crown race. Holding the fork in one hand, install the headset's fork crown race onto the fork race seat with a headset crown race setting tool and hammer
▲ WARNING: Do not rest the fork dropouts on the floor or other hard surface; doing so can damage the fork, making it unsafe
- Install the bottom assembly of the headset according to the manufacturer's instructions and insert the fork into the headtube. Install the top assembly of the headset according to the manufacturer's instructions
NOTE: The spacer stack between the headset and stem must not exceed 50mm. Install the stem on the steerer and slide it down to seat it firmly against the spacers on the top of the headset. Gently tighten the stem's steerer clamp bolt(s) just enough to hold the assembly in place (figure 5)
- Mark the steerer tube at the top edge of the stem. Remove the stem and spacers from the steerer and the fork from the bike. Mark the steerer again, this time 3mm below the first mark. This will be your cutting mark
- To ensure a square cut, the use of a steerer tube cutting guide is strongly recommended. Using a hacksaw with a fine-toothed metal-cutting blade, begin cutting the steerer at the cutting mark; the use of cutting fluid is recommended. Once cut, use a file to remove any burrs on the inside and outside edges of the steerer tube
- Install the star nut supplied with the headset into the steerer tube per the manufacturer's instructions. Again, do not rest the fork dropouts on the floor or a hard surface
- Reinstall the fork, headset assemblies, spacers, and stem, and preload the top cap to attain the proper headset adjustment in accordance with the headset manufacturer's instructions. Tighten the stem's steerer clamp bolt(s) to the stem manufacturer's specifications
- Attach the front wheel to the fork, and align the stem with the front wheel. While straddling the top tube and holding the front wheel between your legs, make a strong attempt to rotate the stem around the steerer. If the stem rotates, increase the torque on the steerer clamp bolts; do not exceed 7Nm
- Check the tightness of the stem bolts before each ride, and inspect the fork for damage before every ride



Figure 5

ONGOING MAINTENANCE

▲ WARNING: Do not modify the fork, other than cutting the steerer tube to the correct length for your bicycle. Modifying the fork could cause fork or other component failure resulting in serious injury or death.

Loosen the stem's steerer clamp bolts before making any stem-to-fork alignment adjustments.

Periodically remove, clean and inspect your fork for damage, cracks or any other damage. Any questions about marks or cracks on the fork should be directed to your Dimension dealer immediately.

Regularly inspect all components for any damage (cracks, chips, etc.) and replace components upon detection.

In the event of a crash or impact, carefully inspect handlebars, fork, stem, seatpost, wheels and the frame for any visible damage. As with any component under varying degrees of stress there is a fatigue life that is proportional to the type of use and abuse applied to the part. Always inspect your components before a ride. If you have doubts about the integrity and condition of any part, replace it. Consult your dealer if you are unsure about the condition of your Dimension fork or any part of your bicycle.

LIMITED 2-YEAR WARRANTY:

Dimension warrants this new Dimension product against defects in materials and workmanship for two (2) years, from the original date of retail purchase by the consumer. This limited warranty is expressly limited to the repair or replacement of the original product, at the option of Dimension, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the Dimension product and is not transferable.

In no event shall Dimension be liable for any loss, inconvenience or damage, whether direct, incidental or 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 this product except as set forth herein. This warranty gives the consumer specific legal rights, and those rights and other rights may vary from state to state.

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 end user
- 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
- Damage or deterioration to the 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

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.

