

Thank you for purchasing an All-City Cross Disc Fork. Before we go any further there are a few key things you should know.

⚠ WARNING: Cross Disc Forks FK4723 will ONLY work with QR hubs. They do not work with bolt-on or axle nuts that have a much larger diameter than standard QR axle nuts.

Intended Use and Compatibility

- This All-City fork has a 1 1/8" threadless steerer
- 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.
- **INTENDED:** For cyclo-cross riding, training and racing. Cyclo-cross involves riding on a variety of terrain and surfaces including dirt or mud surfaces. Cyclo-cross forks also work well for all weather rough road riding and commuting.
- **NOT INTENDED:** For off road or mountain bike use, or jumping. Cyclo-cross riders and racers dismount before reaching an obstacle, carry their bike over the obstacle and then remount. Cyclo-cross forks are not intended for mountain bike use. The relatively larger road bike size wheels are faster than the smaller mountain bike wheels, but not as strong.

⚠ WARNING: Attaching incompatible clamping devices to a fork can lead to fork breakage, causing a loss of control. If you are not sure if a device is compatible, consult your dealer.

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.

⚠ 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.

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

Requirements for Spacers with a Threadless Stem

If your fork uses the threadless, or direct-connect, headset and stem system, make sure your fork has the correct spacer configuration:

- At least one 5mm space under the stem. In addition to the bearing cover, there must be a spacer between the stem and the headset. If the stem sits directly against the headset or bearing cover, any fatigue stress may damage the steerer
- No more than 50mm under the stem. More than 50mm of spacers creates more stress on the steerer, which could cause the steerer to break

⚠ WARNING: Incorrect spacers with a threadless headset system can put extreme stress on the fork, possibly breaking the fork and causing a loss of control.

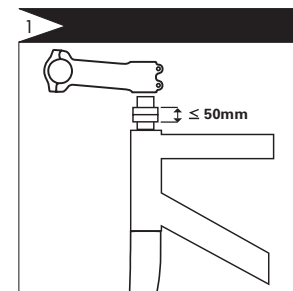
⚠ WARNING: An improperly modified fork can cause you to lose control and fall. Never modify your frameset by installing incompatible forks.

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

Fork Installation

- 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 to ride.
- 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.
- The spacer stack between the headset and stem must not exceed 50mm (**figure 1**). 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.
- Mark the steerer tube at the top edge of the stem (**figure 2**). 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; doing so can damage the fork, making it unsafe to ride.
- 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. Tighten the stem's steerer clamp bolts to the stem manufacturer's specifications. While straddling the toptube 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 and inspect the fork for damage before every ride.

⚠ WARNING: Failure to properly install and adjust brakes can result in serious injury or death. Follow the brakes manufacturer's instructions for correct installation.

⚠ WARNING: Failure to properly adjust the quick release and secure the wheel can result in serious injury or death.

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 All-City 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 All-City fork or any part of your bicycle.

Limited Warranty

This All-City® product is warranted against defects in materials and workmanship for three years 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 bicycle 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 a defective product, at the option of All-City Cycles, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the All-City product and is not transferrable. This warranty applies only to products purchased through an authorized dealer or distributor. In no event shall All-City Cycles 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 our products except as set forth herein. This limited warranty gives the consumer specific legal rights, and those rights and other rights may vary from place to place. This limited 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 Process

We will happily back up our products if there is a problem that is our fault. If you and your shop think your All-City product is worthy of a warranty inspection, please return the product to the original place of purchase, accompanied by a sales receipt.

Other Products

Check our website for the full range of All-City bikes, frames, parts and accessories.

Contact Us

Questions, comments, anecdotes, build pics and hipster jokes can and should be directed to:

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6400 West 105th Street
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