# **Cross Ring** Instructions

Thanks for buying our Cross Ring! When used as intended, we guarantee you'll be thrilled with this product.

MARNING: 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.

## Compatibility

All-City Cross Rings are compatible with 110BCD cranks as middle or outer rings or 130BCD 5-bolt cranks as inner rings, with or without bashguard. If you are interested in using a bashguard, please consider the All-City Cross Wizard Bashguard. All-City Cross Rings are 5-9 speed compatible, for a 3/32 chain. All-City Cross Rings can be used for single speed and multi speed drivetrains.

#### Intended Use

**INTENDED** For cyclocross riding, training and racing. Cycloross involves riding on a variety of terrain and surfaces including dirt or mud surfaces. Cyclocross bikes also work well for all-weather rough road riding and commuting.

**NOT INTENDED** For off-road or mountain bike use, or jumping. Cyclocross riders and racers dismount before reaching an obstacle, carry their bike over the obstacle and then remount. Cyclocross bikes 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.

# **Tools required**

Chainring nut wrench 5mm Allen wrench Torque wrench Grease

#### Installation

- 1. Remove crankset from bottom bracket.
- 2. Remove chainings you wish to replace.
- 3. Clean crankarm and chainring bolts thoroughly.
- 4. Grease chaining bolts and install the All-City Cross chaining. The machined recess around the chaining bolt hole allows the chaining bolt to sit flush with the surface of the ring. Make sure the bolts fit down into these recesses.
- 5. If you are going from a double chaining setup to a single ring, you will need chaining bolts designed for a single chaining setup.
- Torque chainring bolts to manufacturer's recommended torque specifications. We recommend use of a chainring bolt spanner to achieve proper tightness.
- 7. Re-install crankset on bottom bracket.

▲ WARNING: Periodically check to make sure the chainring bolts are tightened to the proper torque specifications. Failure to do so and riding with a loose chainring could cause a crash resulting in serious injury or even death.

**NOTE:** Remember to keep your chain and chainrings well lubricated, and remember to inspect these and all other components for excessive wear, accidental damage, and premature failure before every ride.

## **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 All-City products
- 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:

All-City Cycles

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