612 Crank Instructions www.allcitycycles.com

Hey, thanks for supporting All-City and buying our stuff. We really appreciate it, and hope that you get years of use and enjoyment from your purchase. If there's ever anything we can do for you, let us know. Cheers.

The 612 Track Crank (six-one-two) is an extremely stiff and strong 144 BCD track crank. It is at home on the busy avenues of your city as it is on the boards of the velodrome. It is a hardworking crank that you can ride the heck out of without worry. Day in day out, on the job or just for fun, the 612 will get you there.

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

## Compatibility

All-City Track cranks are for square taper bottom bracket spindles and single chainring use.

Recommended Spindle Length: 110mm Spindle Interface Type: Square Taper JIS

Chainring BCD: 144 Bolt Pattern: 5-Bolt

Chain Compatibility:  $1/2 \times 1/8$ " Weight: 726.0g w/ring and bolts

### Intended Use

**INTENDED** For track riding, paved roads that are in good condition, and bike paths. **NOT INTENDED** For off-road or mountain bike use, or for any kind of jumping.

## **Tools Required**

8mm Allen wrench

Grease

Torque wrench that measures in Nm

### Installation

**NOTE:** Cranks are pressed tight onto the tapered square spindle. The square spindle is made with a slight upward sloping taper. The crank square fitting also has a slight taper. The crank bolt or nut acts as the pressing tool and forces the arm up the slope of the spindle.

**NOTE:** Aluminum cranks typically do not require lubrication of this press fit. Aluminum by its nature is self-lubricating as it is covered with a thin layer of oxidation. Adequate torque is typically enough to keep arms from creaking.

- 1. Wipe both sides of bottom bracket spindle and inside crank mounting holes with a rag.
- 2. Grease under head and threads of both bolts and nuts.
- 3. Install right crank onto right side of spindle.
- 4. Thread crank bolt to spindle.
- 5. Tighten crank bolt/nut to 35Nm.

**NOTE:** The bolt or nut must be tight enough to keep from loosening, but not so tight that the spindle splits and damages the crank.

6. Repeat Steps 3–5 for left crank making sure the crank arm is pointing in the opposite direction of the right crank.

▲ WARNING: Periodically check to make sure the crank bolts are tightened to the correct torque. Failure to do so could result in the cranks coming loose from the bicycle which may cause damage to the cranks or a crash resulting in serious injury or death.

### **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:

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