

Thank you for purchasing an All-City Standard track hub. Our hubs feature a high-flange design, sealed cartridge bearings and proprietary 1.5mm axles. The axle design of our hubs allows the bearings to self adjust. When mounted properly in your frame/fork the bearings are properly loaded. Before we go any further there are a few key things you should know.

⚠ 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.

⚠ WARNING: A fixed-gear hub is designed to be used with a track cog and lockring. Neglecting to use a reverse-thread locking with the track cog can result in loss of control or damage to the bicycle and/or serious injury or death to the rider, and voids the warranty.

⚠ WARNING: Your bicycle must be equipped with hand brakes when using a singlespeed freewheel. Do not install a freewheel on the "fixed" side.

Compatibility

Your rear hub is either "fixed/fixed" or "fixed/free." See below:

FIXED/FIXED

This means that both sides of the hub are designed for fixed-gear cycling. Both sides are stepped, with two different threading patterns. The inside threads (1.37" x 24 tpi) require a track cog. The outside threads are reverse threaded (1.29" x 24 tpi) and require a reverse threaded lockring (figure 1).

FIXED/FREE

One side of the hub is fixed as in the description above. The other side is threaded (1.37" x 24 tpi) and designed for use with a singlespeed freewheel. Use only English standard threaded freewheels, cogs and lockrings (figure 2).



Figure 1
Track Cog & Lockring
Threading



Figure 2
Freewheel Threading

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.

Required Tools

The following tools are required for proper hub installation and installation of the cog or freewheel and installation on your bike:

15mm wrench

Chain whip

Lockring spanner

Torque wrench with 15mm socket

Grease

Track Cog & Lockring Installation

COG INSTALLATION

1. Apply a liberal amount of grease to the cog's threads.
2. Thread the cog clockwise onto the larger set of hub threads. The cog should go on fairly smooth. Don't cross thread it. If in doubt, back it off and start again.
3. Once cog is snugly threaded onto the hub use a chain whip to tighten it completely.

LOCKRING INSTALLATION

1. Our lockrings use English threads (1.29" x 24 tpi LH). Be sure the locking threads are compatible with your hub before installation.
2. Apply grease to the locking threads.
3. Thread the lockring onto the hub counterclockwise. Use a lockring spanner to tighten the lockring firmly against the cog.

NOTE: Make sure the lockring and hub threads are completely engaged prior to use.

NOTE: After the first ride check the tightness of the lockring. By riding you will likely have tightened the cog further onto the hub, and the lockring will need to be retightened against it.

NOTE: Periodically check the tightness of both the cog and the lockring.

Freewheel Installation

1. Apply grease to the threads of the freewheel. Thread the freewheel onto the hub by hand.

NOTE: If the freewheel is difficult to thread on, STOP! Back it off and try again. Make sure it is aligned properly and is not cross threading on the hub. Threads that have been destroyed by cross threading will not be covered under warranty.

2. Fully tighten the freewheel onto the hub using the chain whip.

Axle Nut Installation

⚠ WARNING: Do not exceed 40Nm of torque on your axle nuts. Over tightening may lead to thread failure.

When installing the hubs into your bikes dropouts, grease the axle bolts thoroughly and tighten with a 15mm wrench.

NOTE: A 15mm wrench inside the axle serves to stabilize the axle if you have difficulties loosening an axle bolt. Simply remove the opposite bolt that is not stuck and insert a 6mm hex wrench into the broach. With the wrench in place you should easily be able to loosen the other axle bolt.

Wheel Building with All-City Hubs

All-City recommends using a 3-cross lacing pattern. Many builders push down on the rim with the axle against a hard surface to stress-relieve the spokes. If you use this method, the axle bolts must be completely removed. Failure to do so may lead to the hub bearings becoming dislodged from hub shell.

⚠ WARNING: ALL-CITY TRACK HUBS ARE NOT DESIGNED TO BE LACED RADIALY. HUBS THAT ARE BUILT WITH RADIAL LACING WILL NOT BE COVERED BY WARRANTY.

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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6400 West 105th Street
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