



HUB INSTALLATION INSTRUCTIONS

WARNING: Read these instructions completely BEFORE beginning installation of this product. If you lack the knowledge or tools to perform the installation, please have your local professional bicycle mechanic perform the installation. Improper installation can result in loss of control or damage to the bicycle and/or serious injury or death to the rider. We STRONGLY recommend installation of this product be performed by a professional bicycle mechanic.

WARNING: Fixed hubs are designed to be used with a track cog and lockring. Neglecting to use a reverse-thread lockring with the track cog can result in loss of control or damage to the bicycle and/or serious injury or death to the rider.

Required Tools

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

- One (1) 15mm cone wrench
- Two (2) 17mm cone wrenches
- One (1) chain whip
- One (1) lockring spanner
- One (1) 15mm wrench
- One (1) torque wrench with 15mm socket

All-City Track Hub Instructions

Thank you for purchasing an All-City™ Track Hub. Our hubs feature a high-flange design, sealed cartridge bearings and nutted hollow axles. 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. See Figure 1.



Figure 1
Track Cog & Lockring
Threads

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. See Figure 2.

Threading for the freewheel, cog or lockring is English standard. Use only English standard threaded freewheels, cogs and lockrings.

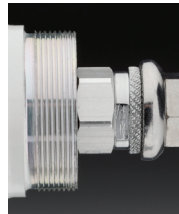


Figure 2
Freewheel Threading

Bearing Adjustment

- 1) Adjust bearings by tightening the inner locknuts against each other using the 17mm cone wrenches.
- 2) Tighten each outer locknut against the inner locknut using the 15mm and 17mm cone wrenches.

Note: The hub bearings are properly adjusted when the axle spins freely AND there is no play or lateral movement of the axle in relation to the hub.

Track Cog & Lockring Installation

- 1) Apply grease to the threads of the rear hub, cog and lockring. Thread the cog onto the inner threads of the hub by hand.

Note: If the cog is difficult to thread on, make sure it is aligned properly and is not cross threading onto the hub. Threads that have been destroyed by cross threading will not be covered under warranty.

- 2) Fully tighten the cog onto the hub using the chain whip.
- 3) Thread the lockring onto the outer threads by hand.

Note: Lockrings are reverse (left-hand) threaded.

- 4) Use the lockring spanner to fully tighten the lockring against the cog.
- 5) After your first ride, the cog will likely thread further onto the hub. Check the tightness of the cog and lockring and retighten if necessary. Continue checking the tightness of the cog and lockring every five rides.

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, make sure it is aligned properly and is not cross threading onto 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

When installing the hubs into your bike's dropouts, grease the axle nuts and tighten with a 15mm wrench. Axle nuts should be tightened to 50-55 Nm.

Wheel Building with All-City Hubs

All-City recommends the hubs be built to a wheel using a 3-cross lacing pattern.

CAUTION: 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 2-Year Warranty:

This All City™ product is warranted against defects in materials and workmanship for two (2) years, from the original date of retail purchase by the consumer, subject to the limitations detailed below. This limited warranty is expressly limited to the repair or replacement of the original product at the option of All City™ 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 transferable. In no event shall All City™ 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 this product except as set forth herein.

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
- 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

THIS WARRANTY GIVES THE CONSUMER SPECIFIC LEGAL RIGHTS, AND THOSE RIGHTS AND OTHER RIGHTS MAY VARY FROM STATE TO STATE

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