



Singlespeed Hub Instructions

Thank you for purchasing a Dimension singlespeed disc-compatible hub. The hub features a high-flange design, four sealed cartridge bearings, and can be used with a quick-release or the included axle bolts. The freehub accepts all Shimano-compatible splined cogs. The disc mount is designed for ISO 6-bolt rotors.

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:

The rear hub is designed for use with a Shimano spline-compatible cog and the included lockring. Neglecting to use the included lockring and proper cog can result in loss of control or damage to the bicycle and/or serious injury or death to the rider.

Included Parts

- One (1) hub
- Two (2) steel axle bolts and washers
- Two (2) serrated cup washers
- One (1) lockring
- Two (2) 3mm cog spacers

Required Tools for Installation

The following tools are required to properly adjust and install the hub into your bicycle:

- Bicycle grease
- Lockring spanner
- 17mm cone wrench
- Two (2) 19mm wrenches
- Torque wrench with 5mm Allen key (if using included axle bolts)

BUILDING INTO A WHEEL

CAUTION: DIMENSION SINGLESPEED HUBS ARE NOT DESIGNED TO BE LACED RADially. HUBS THAT ARE BUILT WITH RADIAL LACING WILL NOT BE COVERED BY WARRANTY.

It is recommended that the hubs be built into a wheel using a 3-cross lacing pattern.

ADJUSTMENT & INSTALLATION INSTRUCTIONS

1. Make sure the cones and locknuts are secure. Using the 17mm cone wrench and 19mm wrench, tighten the non-driveside cone and locknut against each other. Using the two 19mm wrenches, tighten the outer locknuts against each other. The bearings should spin freely but without side-to-side play.
2. Install your cog and desired cassette spacers onto the freehub. Hand tighten the lockring onto the freehub. Install the hub into the frame and check the chainline.
Note: The front sprocket should directly align with the rear cog. If not, the cog will need to be moved on the freehub. Rearrange the cog and spacers so that the chainring aligns with the cog.
Note: You may need to use additional and/or smaller spacers than those provided with the hub.
To ensure proper lockring engagement with the cog and spacers, the combined width of the cog and spacers should be at least 7mm and less than 13mm.
3. When the cog has been properly located on the hub, apply grease to the lockring thread and thread onto the freehub. Use a lockring spanner to fully tighten the lockring.
4. If using a disc rotor, install it on the hub following the disc rotor manufacturer's instructions.
5. If the hub is to be used on a bicycle with horizontal dropouts, we recommend using the included axle bolts and washers. Quick-release skewers don't provide as much clamping force as the bolts, and may allow the hub to slip in the dropouts.
6. Install the wheel into the bicycle. If using horizontal drops, pull the hub back in the frame to tension the chain properly. If using included Allen bolts, apply grease to the threads. Place the washer on the bolt and then the serrated cup washer (with serrations facing toward the frame). Using the torque wrench, tighten the bolts to 110–130 in lb (12.5–14.5 Nm). If using a quick-release skewer, tighten according to manufacturer's instructions.



LIMITED 2-YEAR WARRANTY:

DIMENSION® guarantees its products against manufacturer defects in materials and workmanship for a period of two (2) years from the original date of purchase, subject to the limitations below. The proof of purchase date is the one that is specified on the retail sales receipt issued by the authorized DIMENSION dealer.

TO THE EXTENT NOT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS INCLUDING WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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
- 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
- Installation of components, parts, or accessories not originally intended for or compatible with DIMENSION products as sold

This limited warranty is expressly limited to the repair or replacement of a defective product, at the option of DIMENSION, and is the sole remedy of the warranty.

This limited warranty applies only to the original purchaser of the DIMENSION product and is not transferable. This warranty applies only to DIMENSION products purchased through an authorized dealer or distributor. In no event shall DIMENSION 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 DIMENSION products except as set forth herein. This warranty gives the consumer specific legal rights, and those rights and other rights may vary from place to place. This warranty does not affect your statutory rights.

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