

# DIMENSION SPLINED COG INSTRUCTIONS

## Thanks for buying a Dimension product.

**⚠ 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.

For additional product and safety information go to:  
[www.dimensionbikeproducts.com/safety](http://www.dimensionbikeproducts.com/safety)

## INTENDED USE

Dimension Splined Cogs are used to create singlespeed drivetrains.

## COMPATIBILITY

Dimension Splined Cogs are compatible with Shimano-type splined freehubs only. We do not, under any circumstances, recommend using cog designs that incorporate any type of shifting aid—ramps, twisted teeth, etc. These cogs may “auto-shift” without warning under the rigors of singlespeed use. You MUST have spacers to hold the cog in place in the freehub body.

## TOOLS

Cassette lockring tool  
Grease

## INSTALLATION

1. Remove the axle nuts or quick-release skewer, as well as any cassette lockring, cogs or spacers as necessary.
2. Your chainring, rear cog, and chain should be in the same plane and in perfect alignment with each other to function properly; the relationship of the front chainring to the rear cog should be such that the chain moves from one to another in a straight path that is perfectly parallel to the bicycle's center line.  
**⚠ WARNING:** Failure to consider good chainline when setting up your drivetrain can result in excess drivetrain noise, premature wear of components, thrown chains, and possible crashes resulting in injury or even death.
3. Slide spacers and cog onto the freehub body in the order determined in Step 2. Put a little dab of waterproof grease on the lockring threads and knurling, and install the lockring hand-tight. Using a Shimano-compatible cassette lockring tool and torque wrench, tighten the lockring to 30–50Nm (260–430 in-lb).

## LIMITED 2-YEAR WARRANTY

Dimension warrants this new Dimension product against defects in materials and workmanship for two (2) years from the original date of retail purchase by the consumer. This limited warranty is expressly limited to the repair or replacement of the original 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.

In no event shall Dimension be liable for any loss, inconvenience or damage, whether direct, incidental or 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 gives the consumer specific legal rights, and those rights and other rights may vary from state to state.

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 end 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 Dimension 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

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