



## Surly Snuggnut Chain Tensioner

Hi there. Thanks for spending your hard-earned cash on this Surly product. Surly stuff is designed to be useful and durable. We're confident it will serve you well for years to come.

The Surly Snuggnut is a chain tensioner designed for 12mm horizontal, vertical-slotted dropouts. It keeps your wheel locked in place, while those pesky pedaling forces try to pull it forward. The Snuggnut's design allows fast, easy wheel position and chain tension adjustments without the need for tools (after you've loosened thru-axle bolts, of course).

**⚠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.**

**⚠WARNING: A wheel attachment device that is not properly secured can allow the wheel to loosen or come off, suddenly stop the wheel, decrease your control, and cause you to fall.**

Additional Product and Safety Information can be found at the website: [www.surlybikes.com/safety](http://www.surlybikes.com/safety).

### NOTES:

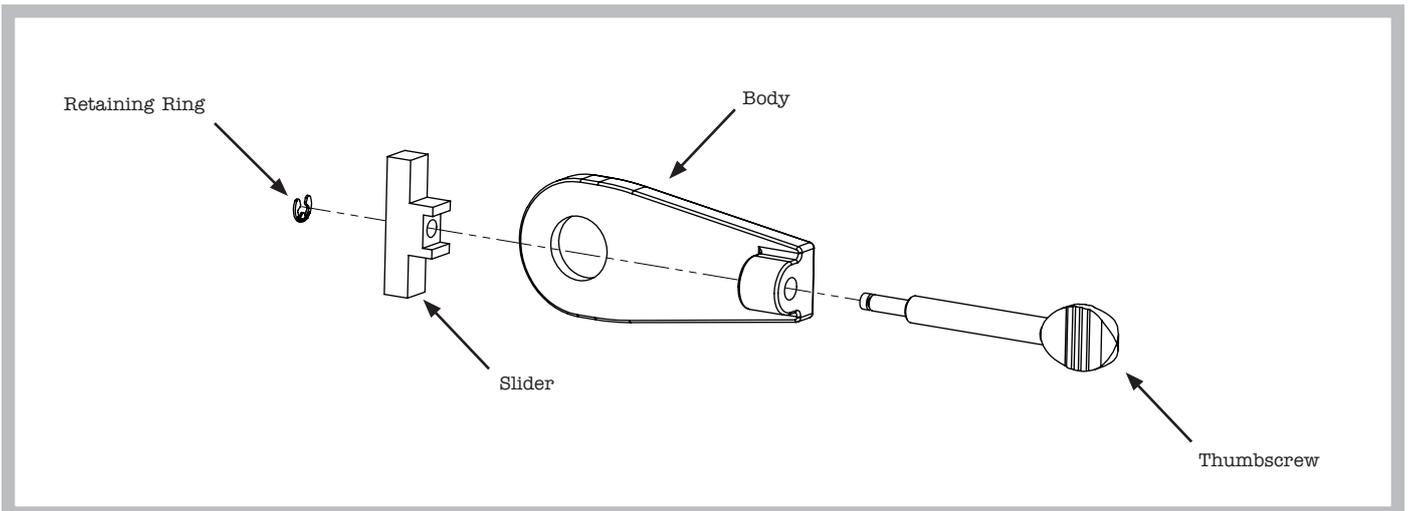
- Bent thumbscrews are not covered under warranty. If your thumbscrew is bent, you crashed it or you didn't have your hub properly tightened in the dropouts
- While Snuggnut is compatible with other thru-axles, we recommend using it with a Surly thru-axle. The reason for this is that the indent on the Snuggnut was designed to interface perfectly with the head of the Surly thru-axle. Depending on the size of your thru-axle's head, you may have to run the Snuggnut on the non-fixed side of the thru-axle.

## Tools Required

The Snuggnut is a tool-free tensioner. If you have to use a wrench on the thumb screw, in order to tension your chain, something is probably bent or seized. Don't force it, Hamfist. 5mm and 6mm torque wrenches that measure in Nm will be required if using the Snuggnut with a Surly thru-axle.

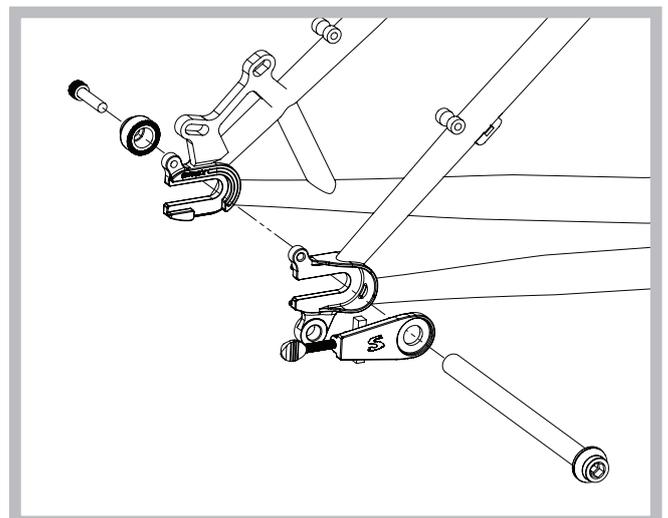
**NOTE:** A 5mm and 6mm torque wrenches that measure in Nm will be required if using the Snuggnut with a Surly thru-axle.

**NOTE:** For other thru-axles, consult thru-axle manufacturer's installation instructions.



## Installation and Adjustment

1. With the rear wheel in the frame, remove the axle nut, axle bolt, or quick-release skewer from the rear wheel.
2. Slide the Snuggnut onto the thru-axle so the fixed end of the axle nestles into the indent of the Snuggnut.
3. Insert the thru-axle into the drive side of the rear wheel and position the Snuggnut so it's butted up against the dropout. It may be necessary to back out the tensioner screw in order to allow the slider to rest against the rear side of the dropout when the hub is in the desired fore/aft position.
4. Thread the axle bolt and knurled cap onto the non-drive side of the thru-axle, but do not tighten it yet.
5. Once the slider is resting against the rear of the dropout, turn the Snuggnut tensioner screw to pull the wheel backwards in the dropout slots. When your chain is properly tensioned and your wheel properly centered in the frame, tighten axle bolt to 16Nm using a 5mm torque wrench.
6. When in doubt, consult your professional bike shop mechanic — especially if using a non-Surly thru-axle as noted above.





## Limited Warranty

This Surly product is warranted against defects in materials and workmanship for one year 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 Surly product as sold
- 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 Surly, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the Surly product and is not transferable. This warranty applies only to products purchased through an authorized dealer or distributor. In no event shall Surly 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.

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