

SURLY

O.D. Crank Instructions

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 O.D. Crank is a dedicated offset double (get it?) crankset designed to run your chain further outboard to clear wider rear tires.

This document outlines how to properly set up your new crankset on your bicycle. If you do not feel comfortable with the installation, please take your bike and pile of parts to your local bike shop so they can get you set up right. If you do not have the proper tools and/or experience to install this crank, you could hurt your bike and yourself. Be smart. Do the right thing.

⚠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.

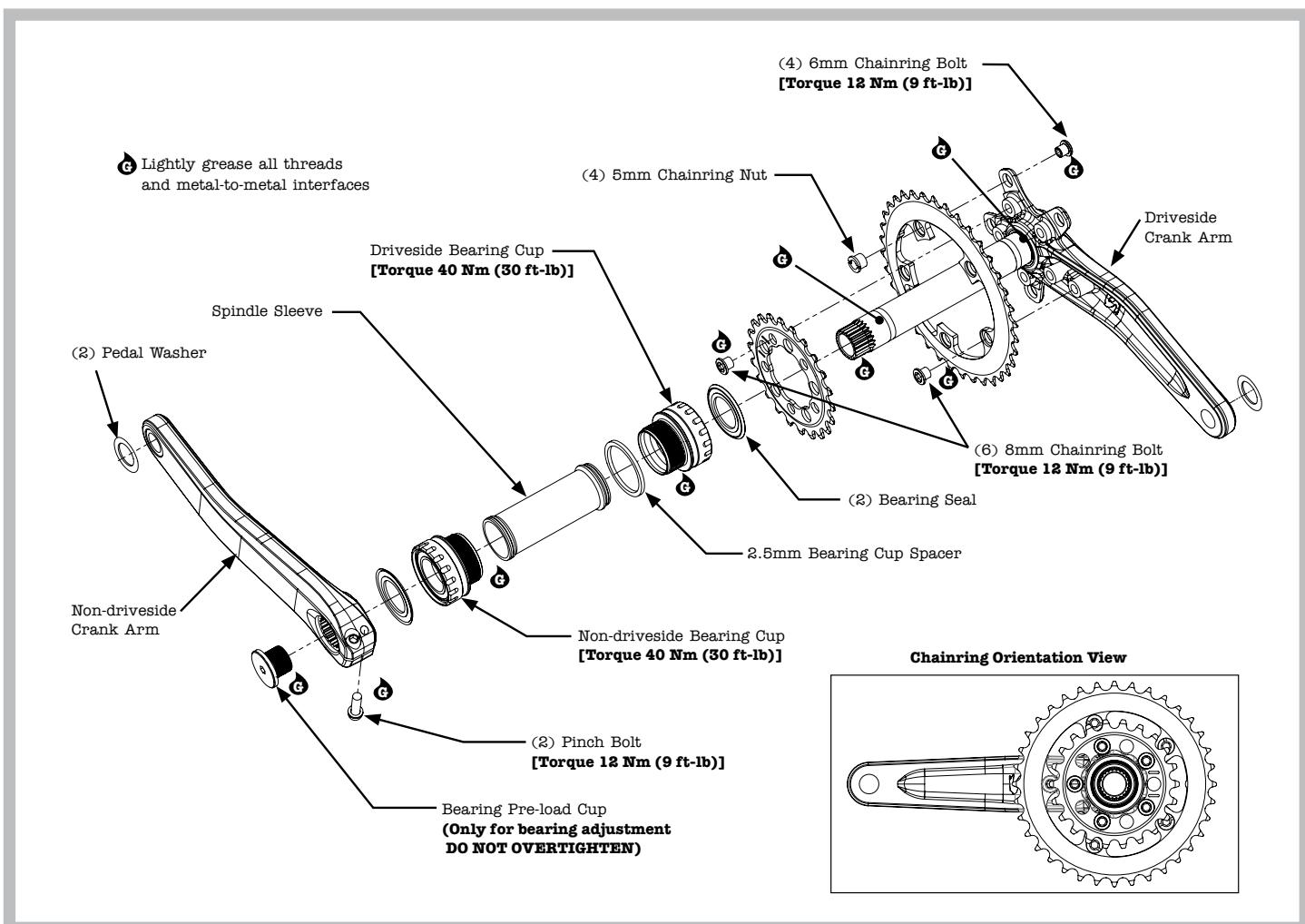
Additional Product and Safety Information can be found at the website: www.surlybikes.com/safety

NOTE: The O.D. crank was designed for Moonlanders, Pugsleys, the Krampus and other frames that run large tires of the fatbike variety. It is offered with spindle lengths for 100 and 73mm shells. The Moonlander crankset configuration uses different bottom bracket cups than the Pugsley or 73mm crankset configurations. The Moonlander bottom bracket cups are extra wide to achieve the proper chainline. Unless you are using a bottom bracket mount accessory, a 2.5mm spacer is necessary between the drive-side cup and the frame.

Tools Required

- Grease
- 16-notch external bottom bracket tool (Park BBT-19)
- 5mm Allen wrench
- Chainring nut wrench

Assembly





Installation

1. Install the bearing cups into your bottom bracket shell (40 Nm). Don't forget to include the spindle sleeve between the two bearing cups, as well as a 2.5mm spacer between the driveside bearing cup and the frame (2.5mm spacer not necessary if using a BB-mounted accessory).
2. If necessary, install the chainrings on the driveside crank arm.
3. Apply a small amount of grease to the polished bearing surfaces on the spindle and insert the driveside crank arm into the bottom bracket. Be sure to include the bearing seal.
4. Slide the non-driveside crank arm onto the spindle. Be sure to include the bearing seal.
5. Install bearing pre-load cap and adjust bearing tension. Not too tight, not too loose.
6. Alternate tightening crank arm pinch bolts evenly to 12 Nm.
7. Snug up the bearing pre-load cap just to make sure it will stay put.
8. Grease the pedal spindle threads and install pedals with pedal washers.
9. Ride!

NOTE: If for some reason you decided you wanted to use the O.D. Crank on a 68mm shell, don't. There are better drivetrain options for road bikes than the O.D. crankset.

Periodically check to make sure that the non-driveside crank arm pinch bolts and chainring bolts are properly torqued. An annual removal and reinstallation of the bottom bracket with fresh grease and the proper torque to prevent any unwanted component fusion from moisture or offensive off seasonal elements wouldn't hurt either.

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 bicycle 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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