

Sunset Bar 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.

▲ 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 use. Always wear a helmet.

CONDITION	DESCRIPTION
	This is a set of conditions for operation of a bicycle that includes Condition 1 and Condition 2 as well as rough trails, rough unpaved roads, and rough terrain and unimproved trails that require technical skills. Jumps and drops are intended to be less than 61cm (24").

Compatibility & Intended Use: ASTM 3

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

The Surly Sunset Bar is compatible with 22.2mm stems; with included shims it is compatible with 31.8mm stems.

▲ WARNING:

- Not intended for use with aerobars or bar ends
- Not intended for freestyle BMX or racing
- Surly handlebars are not intended for use with carbon stems

Tools and Supplies Required:

- Metric hex-bit sockets
- Star screwdrivers or wrenches (for removing some shifter/brake lever clamps)
- Torque wrench with Newton meter (Nm) scale
- Grease

Additional Tools Required for Cutting Handlebar

- Hacksaw with fine-tooth blade for metal
- Eye protection
- Protective gloves
- Fine-grit sandpaper
- Metal file
- Cutting guide

Handlebar Cutting Instructions

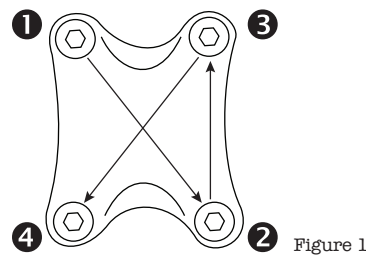
1. Determine the preferred handlebar width and calculate how much must be cut from each end to achieve the desired width.
2. Mark the cutting location on each end of the handlebar.
NOTE: Cut BOTH ends equally.
3. Always use a cutting guide.
4. Put on protective gloves and wear eye protection when cutting a handlebar.
5. Cut a metal handlebar with a fine-tooth blade.
6. Remove any burrs or sharp edges from a metal handlebar with a metal file.

▲ WARNING: Unprotected handlebar ends may cause serious injury. Install an appropriate handlebar plug or grip.

Handlebar Installation Instructions

▲ WARNING: Make sure your stem clamp is compatible with the handlebar before proceeding.

1. Remove the handlebar clamp bolts from the stem faceplate using the correct size hex-bit and ratchet or hex wrench.
2. Remove the old handlebar, brakes and shifter mechanisms and other handlebar-mounted accessories that you intend to re-use (if applicable).
3. Center the new handlebar in the stem recess and place the handlebar clamp faceplate on top. If you are using shims, center them on handlebar first, then center the handlebar on the stem and place the faceplate on top.
4. Lubricate the handlebar clamp bolt threads with grease, insert through the faceplate and carefully engage the stem threads. Continue threading until the bolts are finger tight and the faceplate is evenly spaced above and below the stem.
5. Set the torque wrench to the manufacturer's specifications. If no torque ratings are provided, set the torque wrench to 4-5Nm. Attach the correct hex-bit socket and tighten the faceplate bolts in half-turn increments using the following four-bolt tightening pattern.



For two-bolt faceplates, alternate between the two bolts, making sure the gap between the faceplate and stem is equal at the top and bottom. For a one-piece stem, simply tighten to the manufacturer's torque specification.

6. Test handlebar security by attempting to rotate the bar fore and aft. If the bar rotates, ensure the faceplate bolts are tightened equally to the manufacturer's torque specifications. If the bar still rotates at maximum torque then the bar may be fatigued. Take your bike to a bike shop for inspection by a professional mechanic.
7. Reinstall the shift and brake mechanisms, tape, grips, and accessories on the new handlebar according to manufacturer's instructions. Tighten the clamp bolts finger tight to allow for final positioning.

NOTE: Some Surly handlebars include Problem Solvers AM shims for use when clamping the bar in a stem. Depending on your stem, you may need to use the included shims.

Compatibility

Problem Solvers handlebar shims are available in the following combinations:

PART #	HANDLEBAR CLAMP SIZE	STEM CLAMP SIZE	SHIM LENGTH
SM5700	22.2	31.8	60

Sunset Bar Instructions

Problem Solvers handlebar shims are NOT compatible with carbon handlebars and/or stems. Check with handlebar and/or stem manufacturer for shim compatibility.

Tools Required

- Allen and Torx wrenches (as required by the stem manufacturer)
- Torque wrench
- Grease

Installation

1. Loosen and remove the stem bolt(s) that tighten the stem clamp around the handlebar. For a stem with a removable faceplate, remove the faceplate.
2. Place the Problem Solvers handlebar shim over the handlebar's clamping area in the middle of the handlebar.
3. The gaps between the two shim pieces top, bottom and sides must be evenly spaced for adequate clamping force. (figure 2)

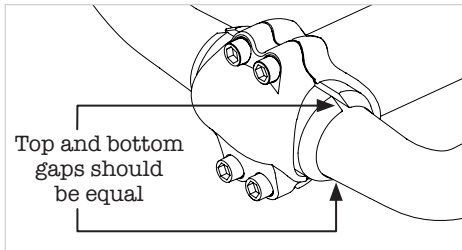


Figure 2

4. Grease the threads of the stem clamping bolts and reinstall.
5. Tighten the bolts to the stem manufacturer's torque specification.
6. Check to make sure the gaps at the top, bottom, and sides of the stem faceplate are evenly spaced.

▲ WARNING: Over-tightening the stem, brake/shifter clamps, or accessories can damage your handlebar. Tighten the stem bolts to the recommended torque spec for the stem, or 5Nm, whichever is less. Tighten shifter and brake levers to recommended torque spec, or 5Nm, whichever is less.

▲ WARNING: Improper installation or repeated rotation of mounted components may lead to product failure, causing serious injury. Do not exceed specified torque values. Periodically inspect bolts and retighten if required.

Flat Bar Shifter & Brake Lever Positioning

1. With the shift and brake clamps loose, sit on the bike.
2. With your hands on the brake levers adjust the position of the components so the back of your hands form a straight line with your forearms and the levers.
3. Tighten the brake lever clamp bolts according to manufacturer's specifications or to a maximum of 5Nm, whichever is less. Repeat the procedure with the shifters.

Ongoing Maintenance

Periodically check to make sure all stem attachment bolts are properly torqued to the stem manufacturer's specifications.

Cleaning

Clean with soap and water. Dry with a rag.

Limited Warranty

This product is warranted against defects in materials and workmanship for 1 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 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 the original 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 Surly 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.

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.

Warranty Registration

Proof of purchase is required before a warranty claim is processed. Surly therefore strongly encourages warranty registration at surlybikes.com. Failure to register will not affect consumer rights under the limited warranty stated above, so long as the consumer can show in a reasonable manner proof of original ownership and the date the Surly product was purchased. If you have any questions contact warranty@surlybikes.com.

Submitting a Claim

A claim can be made anywhere Surly products are sold. When in doubt, contact your local shop. Please provide details about what happened, including but not limited to other components used in conjunction with the alleged defective Surly part.

NOTE: The term of the Warranty is not a guarantee of the product's useful life. Product life is influenced by how the product is used, stored, and maintained over time. The Warranty is not meant to suggest the product cannot be broken or that the product will last forever. The Warranty only means the product is covered subject to the terms of the Warranty.

Produkthinweise finden Sie auf der Website: surlybikes.com/safety

Las instrucciones del producto pueden encontrarse en el sitio web: surlybikes.com/safety

Le mode d'emploi est disponible sur le site Web : surlybikes.com/safety

Le istruzioni sul prodotto si trovano sul sito: surlybikes.com/safety

製品取扱説明書はウェブサイトにあります: surlybikes.com/safety