

## PACER FRAMESET

Thanks for spending your hard-earned money on a Surly frameset. Seriously, we really appreciate it. You could've picked something else but you didn't, and that means a lot to us. We've put a lot of work into making a great riding bike that you'll enjoy for a long time. Before you read any further take a minute and write down this frame's serial number. If you should ever experience a problem with it, the serial number will help us get things sorted, and if your bike is ever stolen the serial number is undeniable proof that it's yours. So take a minute, flip the bike over, and write it down. Your frame's individual serial number is located on the underside of the bottom bracket (the part of the frame that houses the crank bearings).

### SERIAL NUMBER: \_\_\_\_\_

Most modern road frames are made of and for something completely different than the Pacer. Most road frames these days harbor delusions of bike racing fame only to be split in twain the first time the thing falls over in the garage. This is not the Pacer. The Pacer is versatile, reliable, comfortable and it rides like a really nice steel road bike. Set it up for commuting, light touring, or ride it in the Paris-Brest-Paris. It will be equally at home in any setting.

The Pacer is spec'd with a 1-1/8" threadless fork because of the wide selection of headsets and stems available to accommodate it. Like most Surly frames, this one uses commonly available components: 27.2mm seatpost, 68mm bottom bracket, 130mm rear hub... basically, items that you might have lying around, waiting for a chance to be used. We recommend using standard reach brakes, but some short reach also fit.

The Pacer is the kind of bike you can sit on and ride all day long. The geometry and tubing of the Pacer yield a ride that is smooth and stable yet lively. And with clearance for 700 x 32mm tires, you can see where that dirt road ends. In these times of throw-away plastic bicycle frames that weigh barely more than a pair of spandex shorts, a nice steel road frame is one of those things that still makes a lot of sense.

**⚠ 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: [surlybikes.com/safety](http://surlybikes.com/safety)

## FRAME COMPATIBILITY

**Tubing:** Surly 4130 CroMoly steel. Main triangle double-buttet. TIG-welded

**Rear dropouts:** Vertical dropouts, 130mm spaced; with eyelet

**Brake compatibility:** Mid-reach 47-57mm

**Braze-ons:** Single fender eyelets front and rear, dual water bottle mounts, and pump peg (54cm and larger)

**Seatpost diameter:** 27.2mm

**Seatpost clamp diameter:** 30.0mm Surly stainless, included

**Headset/Steertube:** 1-1/8" threadless

**Front derailleur clamp diameter:** 28.6mm

**Bottom bracket shell:** 68mm wide, threaded English 1.37" x 24t

**Chainring clearance:** 39/53t

**Tire clearance:** Room for 700c x 32mm or 700c x 28mm with fenders

**Fork:** 4130 CroMoly, lugged and brazed. Sloping crown, tapered and butted curved blades with dual dropout eyelets

**RETAILER:** This frame sheet **MUST BE** provided to the end user.



**CONDITION 2**

This is a set of conditions for the operation of a bicycle that includes Condition 1 as well as unpaved and gravel roads and trails with moderate grades. In this set of conditions, contact with irregular terrain and loss of tire contact with the ground may occur. Drops are intended to be limited to 15cm (6") or less. Please see link to Bike Owner's Manual on [surlybikes.com/safety](http://surlybikes.com/safety) for complete list of riding condition descriptions.

**MAXIMUM WEIGHT LIMIT**

Rider	Luggage	Total
Lb/kg 300/136	Lb/kg 30/14	Lb/kg 330/150

**FOR TOURING OR TREKKING**

Rider	Luggage	Total
Lb/kg 300/136	Lb/kg 55/25	Lb/kg 355/161

**CARE AND MAINTENANCE**

Keep your frame clean. Dirt and road grime lead to oxidation and fading of the finish, and they make it hard to do a thorough inspection. Dirt will accelerate any abrasion of the paint that comes from rubbing, such as places where the cable housing touches the frame. In extreme cases, this type of abrasion could remove frame material. When your bicycle is not being ridden, store it where it will be protected from rain, snow, sun, etc. Rain or snow may cause the metal on your frame to corrode. We recommend applying J.P. Weigle's Frame Saver to the inside of the tubes before the frame is assembled into a bike. If your bicycle was exposed to moisture during a ride, thoroughly dry the bicycle before storing it. If water got inside the frame, tilt the bicycle to drain the water. If necessary, remove the seatpost and turn the bicycle upside down. This is especially critical if there is a large amount of water inside. If water freezes inside your frame, the expansion of the ice can crack and rupture the structure.

Before storing your bicycle for an extended period of time, clean and lubricate the frame with a frame wax, polish, or protectant. Do not store the bicycle near electric motors, as ozone from motors destroys paint. Before riding the bicycle again, follow the pre-ride checklist to be certain it is in good working order.

**INSPECTION**

Before every ride carefully inspect your frame for signs of fatigue. If any frame part shows signs of damage or fatigue, consult your dealer or replace the frame before riding the bicycle.

**⚠WARNING**—An improperly modified frame, fork, or component can cause you to lose control and fall. **NEVER MODIFY YOUR FRAMESET.**

**⚠WARNING**—Attaching incompatible clamping devices to a fork can lead to fork breakage, causing a loss of control. If you are not sure if a device is compatible, consult your dealer

**FRAME SPECIFICATIONS:**

For current frame specifications visit <http://surlybikes.com/bikes/pacer>

**LIMITED WARRANTY:**

This Surly product is warranted against defects in materials and workmanship for three years 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.**