

TROLL 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:

In many ways, the Troll is simply a 26"-wheeled mountain bike. But to leave it at that would not give the Troll its due as it does many things most regular 26" wheeled bikes cannot. The Troll frame is built with all of the amenities you would expect from Surly. It has ample clearance for a 28/38/50 mountain triple and room for 26 x 2.7" tires. That's right, you can even run our 26" Dirt Wizard/Rabbit hole combo.

The Troll frame is suspension corrected for a 100mm travel fork and comes with a rigid, suspension-corrected 4130 CroMoly fork complete with removable canti pivots, disc mounts, low- and mid- and crown mounted blade rack bosses and fender eyelets. Run a rack, fender and disc brake caliper all at the same time, no lie!

The Troll frame features horizontal rear-loading dropouts with a derailleur hanger, disc caliper mounting slots, and rack and fender bosses. There's a dedicated area for anchoring a Rohloff hub OEM2 axle plate, and we've included threaded M10 x 1mm holes for installing Surly trailer-mounting nuts or B.O.B. Nutz. The dropout design allows the simultaneous use of a rack, fender and disc brake. We include canti pivots, too. The options never stop.

Use the Troll as a mountain bike, cruiser, commuter or touring rig. Make it your go-to utility tractor. Try out different tires and handlebars. Add some racks, build it with gears, or strip it down to a singlespeed drivetrain. Take it camping, ride it to the grocery store or session on your favorite single-track. Build it up, ride it for a while, then reinvent it.

⚠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

FRAME COMPATIBILITY

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

Rear dropouts: Horizontal slotted with derailleur hanger, 135mm O.L.D. Features Rohloff torque arm slot and threaded eyelets for fenders, racks and Surly trailer mounts

Brake compatibility: Disc and rim brake compatible. Disc mounts are 51mm IS Rim brake pivots are removable. Note: Rear disc brake is limited to 160mm maximum rotor diameter and requires the use of Surly caliper adapter (included with frames and bikes)

Braze-ons: Full-length Surly Trip Guide housing line guides for derailleurs and brakes; two sets of bottle cage mounts; removable post cantilever pivots; upper seatstay threaded barrels, mid-and low-blade fully threaded through-blade fork eyelets; threaded holes for racks, fenders and trailer mounting nuts; Rohloff OEM2 axle plate mounting slot

Seatpost diameter: 27.2mm

Seatpost clamp diameter: 30.0mm (Surly stainless included)

Headset/Steertube: 1-1/8" threadless

Front derailleur clamp: 28.6mm, top-pull or Shimano high direct mount (adaptor included)

Bottom bracket shell: 73mm shell width, threaded standard English (1.37" x 24t)

Chainring clearance: 24/36/48t

Tire clearance: 26 x 2.75". Individual tire and rim combos affect tire clearance

Fork: TIG-welded tapered & butted 4130 CroMoly, 100mm suspension corrected, tapered straight blade. Low- and mid-blade fully threaded through-blade rack eyelets; fender mount eyelets at dropout; 1-1/8" x 260mm threadless steer tube, 51mm disc mount (203mm max. rotor diameter), removable cantilever pivots, two sets of bottle mounts on each fork blade. Note: you can't always mount bottles on the fork with every rack

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



CONDITION 3

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"). Please see link to Bike Owner's Manual on 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

FRONT SUSPENSION FRAMES MANUFACTURED WITH ORIGINAL EQUIPMENT SEAT STAY AND DROPOUT RACK MOUNTS ONLY

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/troll>

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.