

# SURLY

## Karate Monkey™ Frameset



The Karate Monkey is all about big wheels and versatility. Build it up as a 700c mountain bike, cyclocross bike, commuter, or backcountry tourer. Create your ideal Frankenstein.

We decided to produce a 29er because we thought we could make improvements on the current designs from other manufacturers, while offering a unique, quality frameset at a Surly price. Mission accomplished.

Frameset geometry is the key to the handling characteristics of any bike. It doesn't matter how pretty it is, or how many braze-ons it has, if it rides like crap. We want you to use the Karate Monkey on singletrack, as well as fire roads and pavement, so we spent time figuring out the best ways to make our rig handle like a mountain bike...not like a tractor. The most obvious frame component of the Karate Monkey is the curved seat tube. This feature allows us to use shorter chainstays without worrying about the rear tire rubbing on the seat tube when the wheel is jammed all the way forward in the dropouts. Shorter chainstays mean quicker handling and better traction at the rear. Toe overlap is another concern with big-wheeled bikes. We tweaked our measurements to eliminate overlap, while maintaining the riding characteristics of a mountain bike.

Options galore. Single-speed? Sure. Like gears? Use some. The Karate Monkey will accommodate a standard or compact mountain triple up front, and a cassette full o' cogs in the 135mm-spaced rear. Our Surly horizontal dropouts are cast with a derailleur hanger, so you have several drivetrain options. Disc brakes or cantilevers? Once again, it's up to you. The Karate Monkey comes with International Standard disc mounts and removable canti pivots. Rigid or suspended front end? We provide a unicrown, tapered straight blade, suspension-corrected rigid fork. Do as you wish.

Like all Surly frames and forks, the Karate Monkey is built with Surly 4130 cro-moly. The butted tubes are thick enough to withstand a derby circle beating, but thin enough to deliver the fine ride characteristics that steel is known for.

### Karate Monkey Specifications:

**Tubing:** 100% Surly proprietary 4130 cro-moly steel. Main triangle double-butted. TIG welded

**Rear dropouts:** Surly horizontal dropouts with derailleur hanger. 135mm spaced

**Brake compatibility:** Most International Standard disc or cantilever rim-type

**Braze-ons:** Cantilever bosses with removable pivots, dual water bottle mounts, down tube shift cable routing, tube guides for hydraulic hose or solid housing on the seatstay, standard cable housing stops on the top tube.

**Seatpost diameter:** 27.2mm

**Seatpost clamp diameter:** 30mm. Surly Constrictor included

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

**Front Derailleur Clamp Diameter:** 28.6mm

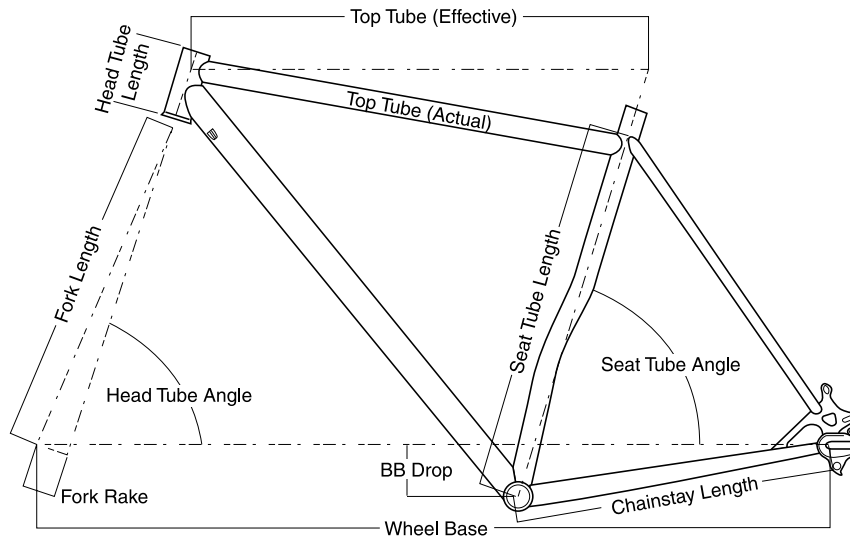
**Bottom bracket shell:** 73mm wide, 1.37 x 24t

**Chainring clearance:** 48t max

**Fork:** Suspension-corrected, tapered straight blade, 4130 cro-moly. International Standard disc mount and removable canti pivots

**Sizes available:** 16", 18", 20", and 22" (measured from the center of the bottom bracket to the top of the top tube)

**Weight:** 18" frame = 5.73 lbs. (2.6 kg)      Fork - uncut = 2.59 lbs (1.18 kg)



Size	ST (C-T)		TT (C-C)		TT (Effec.)		HT Angle	ST Angle	BB Drop		CS Length		Wheel Base		S.O. Height*		HT Length		FK Length		FK Rake	
	inches	mm	inches	mm	inches	mm	degrees	degrees	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
small	16.0	406.4	21.7	552.0	22.7	576.6	71.0	73.0	2.7	68.0	17.0	431.0	41.1	1044.9	30.8	781.6	3.1	80.0	18.4	468.0	1.7	43.0
medium	18.0	457.2	22.6	574.5	23.6	600.6	71.5	73.0	2.7	68.0	17.0	431.0	41.9	1064.0	31.9	811.1	3.5	90.0	18.4	468.0	1.7	43.0
large	20.0	508.0	23.4	594.5	24.3	617.5	72.0	73.0	2.7	68.0	17.0	431.0	42.4	1076.1	33.0	838.2	3.7	95.0	18.4	468.0	1.7	43.0
x-large	22.0	558.8	24.2	614.3	24.9	633.6	72.0	73.0	2.7	68.0	17.0	431.0	43.0	1092.1	34.1	866.8	4.1	105.0	18.4	468.0	1.7	43.0

\*\* Standover height is based on a 29 x 2.1" tire that measured 737mm in diameter

### SERIAL NUMBER:

Get a pen and write down the serial number of your Surly immediately. The number is stamped into the bottom of the bottom bracket shell. Having this number is imperative if your bike ever gets stolen or if you ever have questions about your frame... we are constantly improving our products and sometimes the serial number is the only way to tell one generation of product from another.

### LIMITED WARRANTY:

Surly frames and forks are guaranteed to be free from manufacturing defects for three years from the original date of purchase. What this means is that if we screwed up something in the manufacturing process that resulted in the premature failure of the product, we'll fix or replace it at our discretion. This warranty is for the original buyer of the product and is not transferable. It should go without saying that we won't even consider your warranty problem without a dated proof-of-purchase.

What this warranty doesn't cover is damage resulting from any sort of riding other than "normal" riding, and the inevitable wear and tear resulting from "normal" use. Surly products are built to be used vigorously and we wouldn't expect you to treat them gently, but we can't be responsible for the inherent danger to body and property you face each time you throw your leg over the top tube. We're hip to the "just riding along" phenomenon - and frankly, we're just not having it.

Sorry, the paintjob isn't covered, nor is any damage that happens to you or your other components as a result of any failure of one of our products. Lastly, if you modify or neglect our products we can't be responsible for them or what might happen to you while you're using them. We hate to spell it out, but hey, it's the 21st Century. We're known to back up our products, but we've seen too many peoples' parts come back to us that were not defective and did not meet our warranty guidelines. Save your self some time and shipping money by reading this and making a decision for yourself. If you and your shop think your Surly product is indeed worthy of a warranty inspection, please return the product to the original place of purchase, accompanied by a sales receipt. In the unlikely event that this is not possible, call or email us and we'll do our best to get you riding again.

### OTHER PRODUCTS:

Give us a call for a free catalog or visit our website to check out all our stuff, you won't be disappointed.

**CONTACT US:** By all means, give us your feedback!

### SURLY

6400 W. 105th St.  
Bloomington, MN 55438

**Phone:** 877.743.3191  
**Web:** www.surlybikes.com  
**E-mail:** derby@surlybikes.com