

Instigator™ Frame

The Instigator is a substantial frame built for heavy-duty riding and the abuse dished out by all types of riders: clydesdales, dirt jumpers, urban and dirt hucksters and racers.

It's simple really, but it's the little details that stand out. This frame is strong: the downtube is 1.5" diameter (that's huge) and mated to a reinforced and gusseted headtube which has a reinforcing ring machined into the lower portion. This burly front end is made for 100-130mm travel forks, but if you're more into big drops and swooping downhill, 150mm forks work well too, or check out the Instigator rigid fork and build yourself a 26" BMX—then go watch “Rad” and get your bicycle ballet on. The dropouts are seriously thick and IS disc-compatible with no detection of flex. There are



canti bosses for the rim brake holdouts, but they're removable for you disc brake people. The FFF (Fatties Fit Fine) rear end allows huge tire clearance, up to 2.7" depending on the brand. The toptube slopes out of the way...we call it the Junk Saver for a reason. The cable routing is wisely outta the way also, so throw your bag of tricks over the top without worry. Throw a chainguide on and bolt it to the ICSG tabs for easy sorting and no more dropped chains. All these options let you make the call to build a suitable ride for you.

The frame is snappy and responsive but with the forgiving feel of steel. If you ride big or are simply a big rider and break just about every thing you throw a leg over you'll appreciate this level of stoutness. You will become confident to try lines and things you haven't attempted before. Eyeing up that stair transfer? Or maybe that double you always go around? It's taunting you...the Instigator won't disappoint. And it also won't cost you an arm and a leg.

As one online reviewer said, “this bike encourages you to be a hooligan.” That sums it up. Now go find your inner hooligan, punk.

Caring For Your Steel Frame

Surly frames and forks are made of CroMoly steel. Steel is the superhero of frame materials in almost every other aspect, but its weakness is moisture. The outside of the frame isn't such a big deal, because exposed metal due to scratched paint will dry before any real damage is done. But unless you live on the sun, water almost certainly will get inside your frame. Even a little water can do damage, so it's a good idea to treat the insides of the tubes with a rust inhibitor. This is best done when the frame is still naked, so before you throw on all your parts, get yourself some JP Weigle Frame Saver, motor fogging oil, or linseed oil. Each is a kind of sticky oil that coats the insides of the tubes and prevents rust from starting. Frame Saver is a bit toxic, as it comes in an aerosol can, but it is the easiest to use. It has a spray nozzle that lets you easily get into the nooks and crannies on your frame and comes with complete instructions. It's a good idea to re-coat every so often, and it can be messy, but if you love your bike...and we know you do...this is probably the most important thing short of not crashing that you can do to really help increase the life of your steel frame.

Instigator Specifications:

Tubing: 100% Surly 4130 CroMoly steel. Main triangle double-butted. TIG-welded

Rear dropouts: Proprietary Surly 4130, 135mm spaced

Brake compatibility: International Standard disc or cantilever rim-type

Braze-ons: Removable cantilever bosses, dual water-bottle mounts, downtube shift cable routing, guides for hydraulic hose or solid housing, ICGS chainguide mount

Seatpost diameter: 29.4mm

Seatpost clamp diameter: 31.8mm (1-1/4") Surly Constrictor, included

Headset: 1-1/8" threadless

Front derailleur size: 31.8mm (1-1/4") bottom-pull

Bottom bracket shell: 73mm wide, threaded English 1.37" x 24t

Tire clearance: 26 x 2.7"

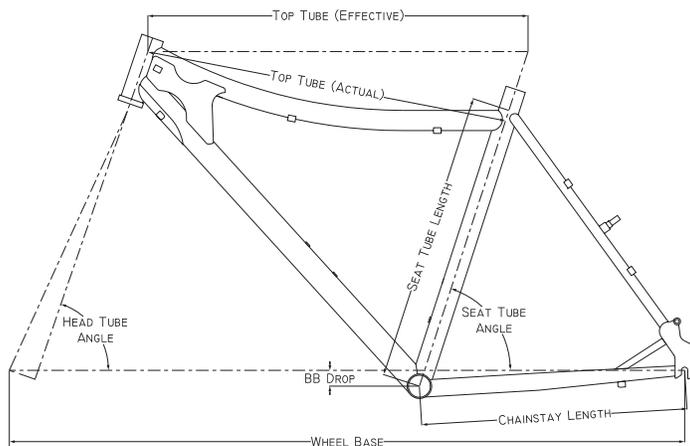
Chainring clearance: 48t max

Fork compatibility: Most of you will choose a suspension fork, so we don't include a fork with this frame (but we do make a rigid fork for the Instigator). The Instigator's geometry is designed around a 100mm-130mm suspension fork. Using shorter or longer forks will compromise intended ride characteristics, i.e. less BB clearance, faster or slower handling, etc.

Color: Dark Black

Weight: 18" = 3000g (6.6 lbs)

Geometry:



Size	ST (C-T)		TT (C-C)		TT (Effect.)		HT Angle degrees	ST Angle degrees	BB Drop		CS Length	
	inches	mm	inches	mm	inches	mm			inches	mm	inches	mm
x-small	14.0	355.6	21.0	533.5	22.0	558.8	71.0	72.0	0.9	24.0	16.7	425.0
small	16.0	406.4	21.5	546.6	22.6	573.9	71.0	72.0	1.0	25.0	16.7	425.0
medium	18.0	457.2	22.6	574.4	23.6	599.3	71.0	72.0	1.0	25.0	16.7	425.0
large	20.0	508.0	23.8	604.1	24.6	624.4	71.0	72.0	1.0	25.0	16.7	425.0

	Wheel Base**		S.O. Height*		HT Length		FK Length		FK Rake	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
x-small	41.1	1044.3	28.0	711.9	4.3	110.0	N/A	N/A	N/A	N/A
small	41.2	1045.3	29.0	737.1	4.3	110.0	N/A	N/A	N/A	N/A
medium	41.9	1064.7	30.4	773.0	4.3	110.0	N/A	N/A	N/A	N/A
large	43.1	1096.0	32.0	813.7	5.1	130.0	N/A	N/A	N/A	N/A

*Measurement taken using tire diameter of 676mm (Tioga 2.1 DH), will vary with tire choice

**Measurement taken using Marzocchi Z1 w/ 100mm travel, will vary with fork choice

N/A = Fork sold separately