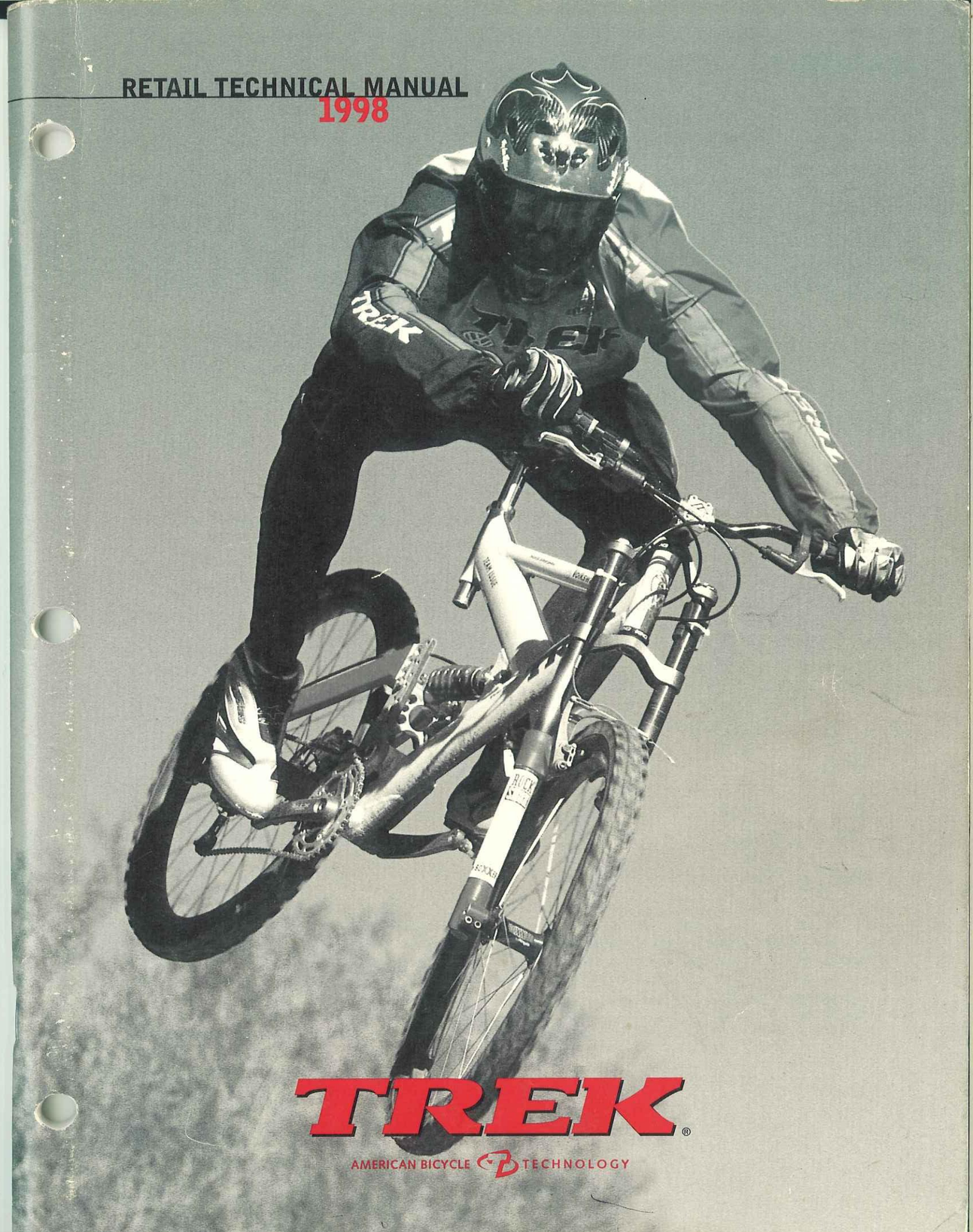
RETAIL TECHNICAL MANUAL
1998



TREK®

AMERICAN BICYCLE TECHNOLOGY

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A Note About the Specs...

At the time of printing, these specs were as accurate as possible. But like it says in the catalog:
"Trek bicycles are equipped with components from sources worldwide. Specifications are subject to change without notice".
So if we changed a bike's headset for some reason, the steerer length listed may be incorrect. The information in these pages is not intended to replace good mechanical skills and practices, just to help good mechanics do their job.

A further note concerning bike weights: Each year we are faced with the request for full bike weights in our specifications. We do our best, but its important to realize that these weights come from show bikes. Many of our suppliers have not built the production pieces we will be using when we produce the real bikes, so we are forced to use mockups or a supplier's estimate of the weight of the real parts.

A Note About the Format...

Prior to each section of bicycles, we've listed some of the important things to remember in assembly and maintenance of these bikes. We've also tried to list some of the small parts not listed in the bicycle specifications pages.

YOU AND THE LAW

How do you defend yourself against the threat of a lawsuit?

Obviously, you need to do a thorough and careful job assembling and repairing bikes. We take pride in the quality workmanship offered by our Trek dealer network. That being a given, why would someone sue you? Most lawsuits involve at least one of these concepts: Failure to inform, and failure to document.

Failure to inform means that the plaintiff (the person suing you) claims they were never told that an activity could be injurious. Most common under this circumstance is accidents involving quick releases and toe clips or clipless pedals. But we have even been sued by a plaintiff claiming they did not know that riding too slow may cause them to fall.

How do you deflect these expensive complaints? Explain the mechanisms on every bike sold, and make sure that every sold bike includes ALL the literature provided. If you did a good job discussing the consumer's needs, you can also recommend the necessary accessories to help them safely enjoy their new bike, such as a helmet or lights.

OK. So you do a careful job in assembly. You tell the consumer how to use the bike safely. And you make sure they have everything they need to safely ride the bike.

IT'S STILL NOT ENOUGH!

In a court of law, you must prove that the bike was thoroughly assembled and that the consumer received the necessary safety information including the correct Owner's Manual, the correct fork manual, and any other consumer information we placed in the bike box and Owner's Bag.

To be effective, the proof that you gave the customer this information must be in writing. Using a bicycle check-out form for every sold bike is a good idea. Such forms state that the bike has been checked by a mechanic (with the date and their initials), that the bicycle's mechanisms have been explained by you (with date and initials) and understood by the consumer and that a manual has been received (with date and their signature). A nice service would be to take it one step further and fill out the customer's Owner's Manual page for them with serial number and your shop info, as well as helping the customer fill out their warranty card.

Next, you must prove that you do a thorough assembly on every bike. Does your shop have a written standard for assembly, detailing the work you do? Do your mechanics fill out paperwork detailing the work done, with date and signature? Is there a follow-up check on assembled bikes? If so, it too should be documented.

Our last advice may seem like common sense, but if you're going to lose a tag, Murphy's Law says that it will be the one you need. Make sure you have a reliable system for storing your documentation. If you can't find it, it's as good as not having filled it out.

Inform and document. These precautions may not keep you from being sued, but when the plaintiff's attorney sees that you can prove your side of the story, they will be much less likely to bring suit.

Warnings

When we produce our Owner's Manuals, a lot of thought goes into warning your customers of hazardous practices regarding their bikes. We hope you also read those manuals, but here's a few of the warnings to remind you:

- **Read Chapter 1 now!** It contains important safety information which you should read thoroughly before you ride your new bicycle.
- **Before you ride your new bike, you should read this entire chapter.** It includes safety, operational, and riding information that you should know before riding your new bicycle!
- **Never allow your foot or toe clip to contact the front wheel when turning.** This may cause loss of control resulting in personal injury.
- **This is not a comprehensive maintenance program.** Check the entire bicycle carefully. If you spot a problem, do not ride the bike until it has been corrected. If you are not certain if your bike has a problem, take your bike to your Trek dealer.
- **If your brakes are not working properly, do not ride your bicycle.** Refer to the Brake System section of Chapter 3 or take your bicycle to your Trek dealer for service.
- **Some brakes, like direct-pull brakes or disc brakes, are extremely powerful.** Initially practice using your brakes at slow speed. Overuse of any brake system can cause loss of control resulting in personal injury.
- **Never touch disc brakes after hard use.** The disc may be very hot.
- **Failure to tighten wheel axle nuts, or have wheel quick release retention mechanisms properly adjusted and closed may cause loss of control resulting in personal injury.** If you have any questions about the operation of this system, consult your Trek dealer.

- **Be careful when riding at night.**
- **Your Trek is equipped with a full set of reflectors; keep them clean and in position.** As useful as these reflectors are, remember that they do not help you see, nor do they help you be seen unless light is directed on them. Use a working headlight and a tail light when you ride at night. Also wear light, bright, and reflective clothing, especially at night, to make yourself more visible. The important thing is to see and be seen. A number of products will help you achieve this. If you do any amount of night riding, visit your Trek dealer to see what's available.
- **Be careful when riding in wet conditions.**
- **No brakes, whatever their design, work as effectively in wet weather as they do in dry.** Brakes, even when properly aligned, lubricated, and maintained, require greater lever pressure and longer stopping distances in wet weather. Anticipate the extra time it will take to stop. Also remember that wet weather causes reduced visibility (both for you and for motorists) and reduced traction. Use slower cornering when traction is reduced. Wet leaves and manhole covers are other wet weather hazards.
- **Never modify your frameset in any way, including sanding, drilling, filing, or by any other technique.** Such modifications will void your warranty, may cause your frame to fail, and may contribute to loss of control resulting in personal injury.
- **Improper use of toe clips and straps may cause loss of control resulting in personal injury.** If you are uncertain about the operation of this system, consult your Trek dealer.
- **Improper use of the clipless pedaling foot-retention system may cause loss of control resulting in personal injury.** If you are uncertain about the operation of this system, consult your Trek dealer.
- **Loose bar ends, incorrectly positioned bar ends, or catching bar ends on objects may cause loss of control resulting in personal injury.**
- **If you are unsure of the safety of your handlebar system, do not ride the bicycle.** Take the bicycle to your dealer for adjustments. Never ride your bicycle with the stem raised above the minimum insertion mark (sometimes called the maximum height mark, see Fig. 28) as this may cause loss of control resulting in personal injury or damage to your bicycle. A minimum of 2 3/4 inches (70mm) of the stem must always remain in the frame.
- **Make sure that the minimum insertion mark, also called the maximum height mark (Fig. 31) remains inside the frame.** A minimum of 2 1/2 inches (64mm) of seatpost must remain in the frame. Riding with the seat raised above this height may cause loss of control resulting in personal injury or damage to your bicycle.
- **Riding a bicycle with an improperly adjusted headset can cause loss of control resulting in personal injury.**
- **If you are not certain your brakes are working properly, or you suspect a problem with your brake cables or hose, do not ride your bicycle.** Refer to the instructions in the appropriate section of this manual or take the bicycle to your Trek dealer for service.
- **If there is movement between the axle and the hub, or you suspect the hub may need an adjustment, do not ride your bicycle.** Take your bicycle to your Trek dealer for service.
- **Failure to keep suspension bolts tight, or to maintain adequate clearances between tire and fork crown or straddlewire carrier and brake cable housing stop may cause loss of control resulting in personal injury.**
- **The cooling fin and hub shell of the Shimano Inter-M roller brake can get very hot and could cause burns.** Do not touch the hub for at least 30 minutes after braking.
- **Never modify your frameset or bicycle components in any way, including sanding, drilling, filing, or by any other technique. Do not attempt to remove the PAS cover or disassemble the PAS drive system.** If a problem occurs, consult your Trek dealer. Such modifications will void your warranty, may cause your bicycle to fail, and may contribute to loss of control resulting in personal injury.
- **Do not operate the PAS main switch while in motion.** If you forget to turn on the main switch prior to riding, stop the bicycle before activating the switch.
- **Turn the PAS off when roadways are slick.** The added torque of the PAS can cause the rear wheel to lose traction which may cause loss of control resulting in personal injury.
- **Never attempt to modify or disassemble the PAS .** If you think the system has malfunctioned, stop riding the PAS immediately and refer to the Troubleshooting section to try and determine the problem. If the problem is still not corrected, take the ElecTrek™ to your Trek dealer.
- **Make sure the rim strip covers all of the spoke holes or spoke heads.** A punctured inner tube may cause loss of control resulting in personal injury.

ASSEMBLY INFORMATION

Factory Assembly Standards

Trek bikes are manufactured and assembled with a very high level of attention to detail. Many considerations are given to every aspect of the bike, from value to the consumer to assembly ease for the dealer. Although most of the questions we run into have straight forward, common sense answers, they may not all be immediately clear. Here, we detail some of the assembly considerations of Trek bikes from the factory.

Parts Installation Specifications

On the assembly line, most of the parts are installed using torque calibrated air tools. This ensures that critical parts are installed correctly. The torque specs we follow are listed on page 8, although there are a few exceptions which we detail here:

- **Front derailleur**- To prevent damage of the paint on the seat tube, front derailleurs are installed at about 20 lb•in, much below their correct torque. After final adjustment, they should be tightened to Shimano's spec.
- **Headset nut**- Since stem insertion will effect the headset adjustment, we do not set the bearing adjustment of the headset, nor do we tighten the headset locknut past 10 lb•in.
- **Handlebar clamp bolt**- The position of the handlebars varies according to preference, so these bolts are only tightened enough to hold them during shipping.

Although we intend to have all other fasteners correctly tightened, bikes get a variety of treatment after leaving the factory which can effect the work we've done. Bolts can be shaken loose and wheels can be knocked out of true. For this reason, we expect that your assembly procedures will include checking to ensure that ALL fasteners on the bike are tight. We also expect our dealers to assemble and adjust Trek bikes to a very high standard. After all, we both want everyone riding a Trek to be safe and happy with their new bike!

Wheel Processes and Overall Quality Improvements

Each year we strive to improve the quality of bikes delivered to you. An important part of the bike which we've really worked hard on is the wheels. To address your needs we have done the following:

- Waterloo wheels are 100% DT spokes
- Waterloo wheels are 100% Velox rim tape equipped
- New wheel packaging
- New build processes, including:
  Uniform thread lubrication
  Control of tolerances at lacer
  Redesigned wheel stressors (we use 2 at different stages of the build, and each is used twice)
- Results
  35% improvement in spoke tension consistency
  75% improvement in lowest tension in wheel

Wheel Specifications: We use computer controlled wheel lacing machines which assemble a wheel off the programmed information for spoke length, hub characteristics, and rim dimensions. After lacing, each wheel is stress relieved on a pneumatic press, and then goes through one of our 7 Holland Mechanics wheel truing robots. These machines use a computer program and light sensors to true, dish, and tension the wheels. The machines can be programmed to set their limits of accuracy, which is determined by the number of times the robot goes around the wheel. We use 3 rounds per wheel, about the highest degree of accuracy in the industry. When the wheel exits the robot, it gets stress relieved one more time, and then hand checked for true on a vellum. A vellum is a hypersensitive truing stand, using dial indicators to show run out of both true and round. Our standard for each is .7mm total runout. In addition, we also randomly check wheels for overall tension with hand tensionometers which are re-calibrated each day for accuracy.

Triple Clamp, Dual Crown Forks

Triple clamp forks put additional stress on a bike frame applied by both the extra length and the extra stiffness. For this reason, triple clamp forks should not be put on any Trek other than the '98 dual suspension frames.

Direct Pull Brake Levers

Direct-pull brakes (Shimano calls theirs 'V' brakes) have increased leverage and stopping power, so only use levers recognized as compatible with these brakes.

Since these brakes supply what may be a greater than expected braking force, it's important to educate your customer regarding direct-pull brakes. Riders should practice use of direct-pull brakes at a slow speed to learn their operation. This is particularly important with bikes having a high center of gravity or narrow tires. If direct-pull brake levers offer adjustable braking force, read and follow the manufacturer's instructions supplied with the bike before making any such adjustment.

Shimano Rapid Rise Shifting

For 1998, Shimano has introduced two new rear derailleurs, with accompanying shifters, which are a departure from their RapidFire shift systems of the past. Called Rapid Rise, these new derailleurs have several distinct features not found on other rear derailleurs.

First, the rear derailleur works in reverse of older models; that is, pulling cable makes the derailleur move to smaller cogs (higher gears). This allows a powerful downshift action for fast accelerations. Second, shifts to larger cogs are made by spring tension, so shifts into a lower gear are smooth and predictable. The two models receiving this new design are the new Shimano XTR (M951) and the Shimano Nexave. While this design works best when coupled with the new shifters, the Rapid Rise design is compatible with non-Rapid Rise shifters. The difference is the shifters work backwards (the thumb shifts to smaller cogs/higher gears, and the finger shifts to larger cogs/lower gears). On Rapid Rise shifters, this is intentional. On older shifter designs, the shifting works in the same fashion, so the only real drawback is that any optical indicators will work backwards.

This enhanced shifting action allows another benefit: while coasting, a rider can 'pre-select' a gear so that when they resume pedaling, the bike shifts smoothly and quickly into the chosen gear. This is especially beneficial when shifting in changing terrain, where it's not always possible to keep the cranks spinning but the rider knows they will need to be in another gear when they resume their pedaling.

Last, the rear derailleur uses a roller device to reduce friction at the rear derailleur. This allows (requires) a much shorter rear derailleur housing, and the result is much lower cable friction and snappier shifts.

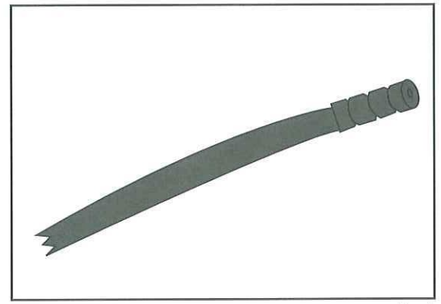


Fig. 1

SP40

On all Waterloo built bikes, we use SP40 shift cable housing. The smaller diameter allows the housing to be more flexible, so it affects steering less, as well as reducing friction. SP40 housing comes with a choice of endcaps, either sealed or not. All ours are sealed, so lubricating the cables requires grease to be inserted into the housing (grease on the cables will be mostly wiped off as you insert a cable though the seal). We have taken the time to grease this housing, but you must install it correctly or you will only push the grease out of the housing.

To correctly install the housing, notice the end caps. If one end cap has more rings than the other, this indicates the end of the housing which had grease inserted. Thread the cable through the end cap with the most rings first. If the end caps have the same number of rings, look for the Shimano label on the housing. Insert the cable into the end of the housing with the Shimano label.

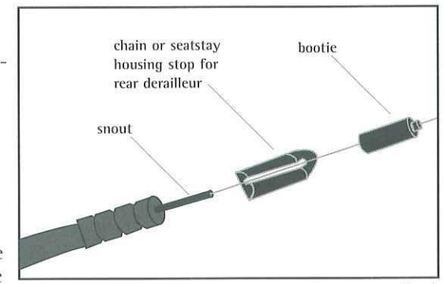


Fig. 2

On LX and higher level shifters, Shimano includes a shift housing bootie. When properly fitted to a special housing end cap (with a protruding plastic tube we refer to as a 'snout') the bootie seals the upper end of the cable from water penetration which could degrade rear derailleur shifting performance. To properly utilize this feature, prior to inserting the rear derailleur cable into the piece of housing leading into the derailleur itself, slide the bootie onto the cable with its smaller diameter end pointing towards the shifter. Then insert the cable into the 'snout' end cap and thread through the derailleur as normal. The snout should protrude through the seatstay housing stop and protrude about 5-8mm. Slide the bootie down over the snout and Voila! you have sealed this area from water penetration.

SRAM Worm Bootie

For 98, GripShift has designed a sophisticated piece which does the same thing as the Shimano bootie, but without adding cable friction. It comes with instructions for installation.

MISC. PARTS INFO

Reflectors

Check that front and rear reflectors are oriented so that their reflective surfaces are perpendicular to the ground, and that all reflective surfaces are clean and in good condition. The front reflector should point directly forward, and the rear should point directly back. The rear reflector should be at least three inches below the top of the seat.

Rolf Wheels

Rolf wheels set a new standard in wheel performance with patented Paired Spoke Design technology. Paired Spoke Design Rolf Wheels are light, fast, and rock solid. Rolf Wheels solve all of the problems associated with conventional low spoke count wheels:

- Inherent radial and lateral rim deviations
- Truing difficulties
- Shorter rim and spoke fatigue life
- Performance robbing weight increases

The key is the patented Rolf Paired Spoke Technology. Lateral force at the rim, generated by the spokes, is perfectly balanced. This has many effects. As the wheel turns with a rider on the bike, the rider's weight presses down on the rim, and in turn, the ground presses the rim up toward the hub. As this happens with a conventional low spoke count wheel, each spoke goes through a cycle of tightening and loosening. This cycle of stress and release may create spoke fatigue which can eventually lead to spoke or even rim failure. With Rolf wheels, the spokes are much more highly tensioned, and they're in pairs. Since the spokes are more highly tensioned, they lose less tension as they are released. They also share the load, effectively cutting it in half, so spokes last much longer.

With a good quality wheelset, spoke fatigue takes a while to occur. But another effect that happens all the time with conventional low spoke count wheels is that as each spoke has its tension released at the bottom of the wheel, it allows the rim to move slightly out of true, so the wheel does not track straight. With Paired Spoke Technology, this does not happen because the pairs of spokes do not exert unbalanced force on the rim. With Rolf Wheels, the bike handles better and goes faster.

Still another effect of the cycling of spoke loads is that of nipples loosening and the resultant loss of true. Rolf wheels attack this problem in 3 ways. First, Paired Spoke Technology allows a higher spoke tension because the rim does not see unbalanced lateral forces. With conventional low spoke count wheels, over tensioning can cause rim failure. Paired Spoke Technology keeps the spokes from being loosened as much as conventional spokes. And, Rolf wheels use a custom alloy spoke nipple with a nylon insert to prevent loosening.

Last, why the funny looking rear hub? Rolf wheels use special hubs which support the spoke elbow better. Better spoke elbow support means longer spoke life. But the real key to the hub is torque transmission to the non-drive side spokes. With a conventional hub, all torque is transmitted solely through the drive side flange. That's why many of the low spoke count wheels use radially laced spokes on the left side. But let's do a spoke count. If only the drive side spokes transmit torque, and only half those spokes are pulling, then only 1/4 of the spokes in a conventional rear wheel carry all the torque loads for the wheel. For a 32 spoke wheel, that's just 8 spokes. You can do the math on those other low spoke count wheels. But on Rolf wheels, torque is transmitted through both the left and right flanges, so 1/2 the spokes carry the torque. In other words, a 16 spoke Rolf rear wheel has as many spokes transmitting torque as a 32 spoke conventional wheel. And each of those Rolf wheel spokes is paired so there is no lateral rim deflection and the Rolf wheels are more efficient!

Paired Spoke Design technology allows a higher spoke tension because the rim does not see the unbalanced lateral forces found with alternating spoking patterns. For Rolf wheels, spokes should be tensioned as follows:

Front- 175 to 210 lbs. Rear, Drive side- 340-410 lbs. Non-drive side- sufficient to center or dish the rim

This tension is greater than most tensionometers can accurately measure. The next best way to determine correct tension is to listen to the tone of the spoke when you pluck it, and compare it to that of a factory tensioned wheel.

Rolf spokes are bladed 13 gauge so are much stronger than conventional spokes. Rolf wheels also use special self-locking alloy nipples for low weight and resistance to unthreading. Rolf nipples require a 3/16" nut driver or socket-type spoke wrench which will fit through the access holes in the rim.

While Rolf wheels do require some special parts don't try drilling your own rims or substituting weaker conventional spokes.

Rolf Part	Part Number
Rolf self-locking aluminum nipples w/washers	983798
DT 13g bladed spoke, 287mm	984511
DT 13g bladed spoke, 289mm	984512
Rolf 14° rim	983800
Rolf 16° rim	983801
Front Rolf/Hugi hub	984179
Rear Rolf/Hugi hub, Shimano 8/9spd cassette	984180

A WORD ABOUT TORQUE

These torque specifications are listed to help you determine the correct tightness of parts and their threaded fasteners. More than anything, these should be used to make sure you do not over tighten the fasteners. Over torqueing a fastener does not provide extra holding power and may actually lead to damage or failure of a part. Over tightening bar ends can crush a handlebar, or over tightening a stem expansion bolt can bulge the fork's steerer. Usually, these parts would have been safely tightened at a much lower torque. In other words, once a part is tight enough to stay tight and be safe, it rarely does any good to tighten the part any further.

We offer a range of torque specifications for several reasons. First, most torque wrenches have widely spaced increments, i.e. 25 lb•in or even 50. Second, there is a margin of error since few torque wrenches are ever recalibrated. Third, the required torque to safely attach a part varies by its manufacturing tolerances. In other words, different stems in different bikes may require different torques to achieve the same clamping force due to slight differences in diameters or surface finish. A further consideration is that a well designed clamp will correctly attach a part at a lower torque than a poorly designed clamp. For this reason we have included some torque specs which are specific to certain parts. Please be aware of these special torques.

In many cases, a lower torque value than listed may adequately tighten the part for normal function and safety. Other than torque specs, how do you determine if a part is adequately tight? Most parts have simple function tests you should perform. As an example, to test if a stem is adequately tightened to the fork, place the front wheel between your knees and try to rotate the stem by pulling on the handlebars. While this test is somewhat subjective, it places a much greater force on the system than is required of the stem clamping force in normal riding.

TORQUE SPECIFICATIONS

Item		LB•IN	Nm
Handlebars	Handlebar clamp bolt, forged stem	150-180	17-20.3
	Handlebar clamp bolt, welded stem	100-120	11.3-13.6
	Stem expander wedge bolt	175-260	19.8-29.4
	Direct connect steerer clamp bolt		
	External pinch type	100-120	11.3-13.6
	Icon stem with external pinch bolts	70-90	7.9-10.1
	Steel stem with hidden steerer clamp bolt	150-180	17-20.3
	Aluminum stem with hidden steerer clamp bolt	172-215	19.4-24.3
	Bar end attaching bolts	85-125	9.8-14.1
	ICON Carbon handlebars	50-90	5.7-10.1
Seats	Seat attaching bolt, single bolt	150-250	17-28.3
	Seat attaching bolt, double bolt w/5mm allen wrench	80-125	9.6-14.1
	Seat attaching bolt, double bolt w/4mm allen wrench	45-60	5-6.8
	Seat post binder bolt	150-180	17-20.3
Cranks	Crank arm bolt	305-435	35-50
	Chainring bolt	50-70	5.7-7.9
	Pedal attachment	350-380	40.2-42.9
	Shimano cartridge fixed cup	435-608	50-70
Wheels	Wheel axle nuts	130-210	14.7-23.7
	Shimano cassette lockring	261-434	30-50
Derailleurs/Shifters	Front derailleur clamp bolt	40-60	4.5-6.8
	Rear derailleur attaching bolt	70-85	7.9-9.6
	Front and rear derailleur cable clamp bolt	35-52	3.5-5.9
	Shifter clamp bolt	44	5
	Combination shift/brake lever attaching bolt	53-69	6-8
	GripShift clamp bolt	25	2.8
Brakes	Brake lever attaching bolt, standard	44	5
	Brake lever attaching bolt, Hayes hydraulic	25-35	2.8-4
	Combination shift/brake lever attaching bolt	53-69	6-8
	Brake caliper attaching bolt	69-87	8-10
	Cantilever or direct pull brake attaching bolt	40-60	4.5-6.8
	Caliper brake pad attaching bolt	43-61	5-7
	Cantilever or direct pull brake pad attaching nut	70-80	7.9-9
	Brake cable clamping bolt	50-70	5.7-7.9
	Rotor attachment bolt	45-55	5-6.2
	Hayes caliper attachment bolt	60	6.8
Frame Attachments	Water bottle attaching bolt	20-25	2.3-2.8
	Derailleur hanger attachment bolt	50-70	5.7-7.9
Ys	Shock mount and plate mounting bolts	133-164	15.1-18.5
	Pivot bolts	100-110	11.3-12.4
Suspension Forks	Brake boss	60	6.8
	RockShox triple clamp fork crown pinch bolts	60	6.8
	Manitou triple clamp fork crown pinch bolts	70-80	7.9-9
Suspension Stems	Flexstem axle bolt	65-75	7.3-8.5

THREADED FASTENER PREP

Modern bicycle mechanics often requires the use of thread prepping agents or thread bonding agents. Used properly, these agents are well suited for the applications where we use them. Used improperly, they can provide poor performance or more serious problems.

LocTite Applications

We use LocTite, or similar product, in a variety of applications in fabrication and assembly of Trek bikes and components on those bikes. Here's a partial list, and the recommended LocTite product:

Suspension forks	Crown pinch bolts	242 Blue
	Brake arch bolts	242 Blue
	Cantilever studs	242 Blue
Rear suspension	Pivot axle bolt, left	290 Green
	Pivot axle bolt, right	242 Blue
	Pivot bushings, frame/swingarm	290 Green
	Shock mount bolts	242 Blue

Applying LocTite

First, use LocTite carefully. Follow the instructions on the package, avoiding contact with your skin, or inhaling the vapors. As noted on the package, LocTite contains a known carcinogen.

For LocTite to work correctly, the parts must be clean and dry, with no grease, oil, or dirt. LocTite Klean 'N Prime is an excellent cleaner and will reduce fixture time.

With blue 242 LocTite, apply to the threads prior to assembly. It will set up in 20 minutes, with full cure taking 24 hours. With green 290 LocTite, application is recommended after assembly. However, this can be impractical with hidden threads, like on the rear suspension pivot bolts, or when using as a fixing agent for Trek bottom brackets or rear suspension bushings. 290 is set in 3 minutes, and again requires 24 hours for a full cure. Please do not confuse LocTite 290 with LocTite 640, which is also green, as 640 can make disassembly much more difficult.

Highly Recommended Grease Applications

Most threaded fasteners will benefit from the application of a light grease-type lubricant. This prevents corrosion and galling, as well as allowing a tighter fit with a given torque. For this reason, it's a good idea to lubricate almost all threaded fasteners. But some fasteners and parts interfaces really need grease. Here are a few:

- Seatpost/seat tube interface - Grease the seatpost where it inserts into the frame on all aluminum and steel frames.
- Bottom bracket threads - We recommend applying grease to all bottom bracket/frame interfaces, as well as the bearing/cup interfaces. This prevents corrosion and will virtually eliminate creaks, a common complaint among riders with cartridge bottom brackets.
- Stem/steerer interface - Grease the quill of conventional stems where they insert into the fork. With Aheadset type stems, a light oil is recommended, as grease may make it difficult to properly secure this type of stem to the steerer.
- Stem/handlebar/bar end pinch bolts - Any and all of these fasteners are small, so corrosion or galling can really cause problems. Its also critically important to the riders safety that they be correctly tightened. Grease both the threads, as well as the bearing surface of the fasteners which rotate against the fixed part.

Places to Avoid Grease

- With OCLV Mountain, Y, and Road bikes DO NOT grease the seatpost. A fiberglass sleeve bonded into the seat tube prevents corrosion, and any grease may cause the seatpost to slip, even with correct seatpost binder torque.
- Bottom bracket axle/crank arm interface - Avoid greasing the tapered spindle of a bottom bracket, as this may allow the crank arm to insert an incorrect distance onto the bottom bracket spindle. This can cause crank arm clearance problems with the frame, or incorrect chainline with the specified components. A light oil will adequately prevent any unwanted corrosion in most cases.

DISC BRAKES

Disc brakes offer several advantages over a conventional rim brake (technically a disc also, but without some of these advantages). First, a disc is further from the debris of the trail, whether its water or mud on the rim, or dings in the rim from hitting rocks; the disc brake works on a better medium for good, smooth control.

Although a disc brake pad can wear, it's a very hard material and wears parallel to the brake surface. Pad adjustment is not necessary, nor is their replacement as frequent. When pads do need replacement, you just pop them into a spring clip which can often be accomplished without tools. No alignment is necessary unless the caliper, or brake body, is out of adjustment.

Third, although a really hot rotor can burn your hands (remember this, and be sure to warn your customers!), the resulting heat will not add inflation pressure to your front tire like a hot rim does.

Hayes offers a combination of benefits not found on other disc systems.

- **Hayes uses only hydraulic pressure to activate the pads so actuation is immediate and positive.** A cable stretches and housing compresses, diminishing the pressure applied to the rotor. Since the Hayes is fully hydraulic, there is no loss of energy and stopping power is always 100%.
- **Hayes brakes use a dual piston design, where two separate pistons approach the rotor from opposite sides.** Some systems use a single piston to push the rotor against a fixed surface. This obviously requires that the rotor be flexed. In addition, with Hayes brakes, both pistons retract fully from the rotor so there is no brake drag.
- **Hayes uses a stainless steel rotor and inorganic brake pads.** The rotor is a patented design to prevent warping under hard braking loads or heat.
- **Hayes uses an Open System, where the hydraulic fluid volume is readjusted with each brake application.** This has several benefits; the pads self adjust for clearance over the rotor, brake actuation is always exactly the same, brake pad clearance is not effected by heat, and you get predictable performance every time you apply the brake.

Because a disc brake puts a rotating torque on the fork tip and the front wheel attachment, it's highly recommended that only high force, heavy duty quick releases be used. And you already know that such a quick release adds to steering precision by reducing independent leg action on a suspension fork.

So how do you adjust a brake where the pads need no adjustment? Follow these tips:

- **Never squeeze the lever with the rotor out of the caliper.** If you should do so, the pads will only retract to their normal clearance (but as if the rotor was between them, which it is not). To fix this, slip the pads out of their clips. Just grab the little 'finger' with some pliers and pull. They should come right out. Use a 12mm closed end wrench to push the pistons as far back into the calipers as possible. Reinsert the brake pads. The rotor should now fit easily between the pads.
- **When installing a Hayes brake with an adapter (like with RockShox forks) make sure the brake pads fully engage the rotor.** The adapter is not symmetric, so it is possible to install the brake so that the pads do not fully engage, reducing braking power.
- **After installing the wheel fully, squeeze the brake lever a dozen times to set the hydraulic pressure and pad clearance over the rotor.** Spin the wheel. If the pads rub, the caliper needs to be realigned. To do this, loosen the caliper attachment bolts. While firmly squeezing the lever, retighten the bolts. Spin the wheel to test the adjustment.
- **Take care to avoid damaging hydraulic lines.** Do not pinch or squeeze them. Crimps will decrease the volume of the hose, increasing pressure which will probably mean unavoidable pad drag on the rotor. To remedy this, a new hydraulic line must be installed. Replacing hydraulic hose goes beyond the scope of this manual. Please refer to the Hayes manual for further instructions.
- **Avoid getting hydraulic fluid on any finished part, like painted frames, anodized finishes, or carbon fiber composite.** Hydraulic fluid can mar the finish or degrade the strength of some materials. It's also not something you want on your skin. If you get hydraulic fluid on your skin, wash immediately with soap and water. Don't drink it. And, as when performing any procedure in the shop, you should always wear safety glasses.
- **Do not attempt to modify the brakes by letting air into the system, or by any other means.** Always follow the procedures outlined by Hayes when performing any service to Hayes brakes.

	Part Number
Left brake lever and brake caliper, 61 cm length	981766
Left brake lever and brake caliper, 69 cm length	982974
Left brake lever and brake caliper, 75 cm length	982975
Boxxer adapter	983820
6.3" rotor	981770
Brake/adapter mounting bolts, pair	981771
Front line clip	981773
Canti hole screw, fork, pair	983822
Front Hugi hub, 32°, for 6mm quick release	981767
20mm through axle	982973
Rear Hayes/Hugi hub, 32°, for 5mm quick release	982980

	Part Number
Right brake lever and brake caliper, 116 cm length	982976
Right brake lever and brake caliper, 122 cm length	982977
Right brake lever and brake caliper, 135 cm length	982978
Judy/SID adapter	981769
8" downhill rotor	983821
Rotor mounting bolts, qty 6	981772
Rear line clip, qty 3	983777
Canti hole cap, rear, pair	983823
Front Hayes/Hugi hub, 32°, for 20mm through axle	982979
Front Hayes hub, 32°, for 6mm quick release	981768
Front Hayes hub, 32°, for 6mm quick release	981767

Inflate Air Shocks

To provide the best service to you, we design all our bike boxes (except tandems) to be shippable via UPS. Large size Y bikes will not fit into a UPS sized box without deflating the rear shock. Before assembly, inflate rear shocks to an air pressure appropriate for the intended user.

Seatposts

Aluminum Y bikes require greasing of the seatposts. However, with OCLV Y bikes, like their Mountain and Road counterparts, DO NOT grease the seatpost. A fiberglass sleeve bonded into the seat tube prevents corrosion, and any grease may cause the seatpost to slip, even with correct seatpost binder torque.

Y bikes are designed to accept 27.2mm seat posts with a tolerance of 27.10 to 27.20mm outer diameter. Measure the seatpost for conformity to this tolerance prior to installation.

A minimum length of seatpost must be inserted in the frame. The seatpost may be raised to this point without damaging the frame. For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 Nm).

Removing Headset Cups

When removing an headset in an OCLV frame, make sure the headset removal tool is engaging the headset cup. OCLV framesets do not utilize a continuous headtube, but instead use two short inserts to support the headset cups. If the headset tool is outside the insert, rather than inside the insert and pressing on the cup, frame damage can result.

Special Torque Specs

Shock mounting bolts	LokTite 242	133-164 lb•in	15.1-18.5 Nm
Pivot bolt (fixed side)	LokTite 290	100-110 lb•in	11.3-12.4 Nm
Pivot bolt (removable side)	LokTite 242	100-110 lb•in	11.3-12.4 Nm
Derailleur hanger screws	LokTite 242	20-30 lb•in	2.3-3.4 Nm

Special Parts

	Part #
Pivot axle assembly: Pivot axle, 2 bolts, 2 washers	64304
Pivot bearing set: Main cylinder bearing, 2 swingarm tophats	64305
Shock mount bolt set, Cro-Moly rear - Front bolt, rear bolt, 2 nuts	982253
Shock mount bolt set, aluminum rear - 1 front bolt, 3 rear bolts, 4 nuts	981977
Shock mount plates, pair, standard length	981972
Shock mount plates, pair, for 100+mm fork travel	981973
Derailleur hanger kit- Derailleur hanger, screw	980116
Rear shock mount cable guide	982260
135° pipe,for rear direct pull brake on aluminum Ys	970343

Top Swing Front Derailleurs

When Shimano instituted the Top Swing front derailleur with its lowered band clamp, we had to redesign our bike rear triangle to accommodate it. Due to space constraints, the new rear triangle will not work with older, high band clamp front derailleurs.

Bottom Bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads, especially when inserting into an aluminum bottom bracket shell.

Replacing Pivot Bearings

Pivot bearings are held in place by the pivot assembly, but also with LokTite 290. To remove the bearings, after removing the axle, drive them out with an appropriate punch (the right sized socket works great). Clean and prep the surfaces of the frame and new bearings with LokTite primer, being careful not to expose the bearing material or painted surfaces to the primer. LokTite Primer will damage the paint or remove lubrication in the bearing. Apply the LokTite, wipe off any excess after installing the bearings, and assemble the pivot. Allow to cure for 24 hours before riding.

Disc Brake Adapters

Some suspension forks, like RockShox, require an adapter to mount the Hayes disc brake. Note that the adapter is not symmetric. In other words, make sure you have installed the adapter so that the pads fully contact the rotor. If you install the adapter incorrectly, only part of the pads will contact the rotor and braking force will be less than it should be.

Y BIKES

New Y aluminum swingarms

The new Y aluminum swingarm features an adjustable shock system. The Ys with aluminum rear triangles all come with the standard shock mounting plates. These plates are assymetric so that if removed and turned over, the shock compression ratio and leverage ratio can be changed to make the rear shock function slightly different (about a 10% change). When installing the plates, hand tighten all the bolts before torquing them to spec.

In addition to the tunability of the compression ratio, another plate set is available. These are made to correct the Y Glide steering geometry when a longer fork is used; one with a longer axle to crown race dimension. They can also be used to allow a rider to ride something other than our 6.5" eye to eye rear shock length without altering the steering geometry. Without these plates, when a long fork or rear shock is installed in a Y, the head angle will vary and the sweet steering will be degraded.

Right hand cable routing

The new aluminum Ys use a right hand cable routing. For this reason, a 135° pipe is recommended for rear V or other direct pull brakes. Because the new cable routing is on the right, and the new shock mount hardware is lighter, a new rear cable guide clip has been designed for the smaller diameter bolt.

Rear shock mount cable guide	982260
135° pipe, for rear direct pull brake	970343

New replaceable derailleur hanger

Aluminum swingarms feature a new, stiffer replaceable derailleur hanger. Our tests show this hanger to be stiffer than some non-replaceable forged alloy hangers. A stiff hanger increases shifting accuracy, and the extra strength means less chance that it should need to be replaced in the first place. To keep things simple, this same hanger is used on the Trek hardtails.

Derailleur hanger kit - Derailleur hanger, screw and nut	980116

Seatpost water bottle mounts

We equip all the Y Bikes and Y Glides with a special seatpost water bottle attaching kit. This kit includes two aluminum clamps which fit 27.2mm diameter seatposts, two bottle cage mounting screws, and two longer screws to tighten the clamps.

Like any threading into aluminum, we recommend greasing the threads, and avoid over tightening. On small size frames, adjust the bottle cage height so that the rear wheel cannot hit the bottle or cage under full compression of the suspension.

WHAT IS "ACTIVE"?

The Benefit of Suspension

Suspension helps you transmit your pedal power more efficiently. With good suspension, a rider can pedal over obstacles that would otherwise suck up the rider's energy by making them stand. Because suspension smoothes the terrain (as felt at the handlebars, saddle and pedals), you can stay seated and apply full pedal power over rough terrain, without interrupting your pedal stroke. Suspension lets the rider's body follow a smoother path (than the bumpy path followed by the wheels), and this lets the rider maintain normal pedaling over rough terrain. Both add efficiency. By being more efficient, the rider uses less energy, and they can go farther or faster with the same effort.

Suspension lets the wheels follow the terrain better, so the tires maintain better traction. With better traction and a smoother path, the rider does not have to use as much muscle energy to stay in control of the bike. With better control you can ride over things that might otherwise make you go boom and get too close to nature.

The benefits of good suspension help a rider in virtually any off-road situation. Downhill or uphill, good suspension helps a rider tame the terrain and adds to their efficiency. With benefits like this, suspension is something you want full time. If the suspension is working full time, its Fully Active.

What is Active?

A lot of noise is made about suspension systems being active, or inactive. Claims are made, and opinions based on such claims without making clear what they really mean when they say 'active'. But using the following definition of the word, many of the claims made are false. This definition of 'Active':

An Active suspension is not affected by pedaling, either activated or deactivated, at any time.

In other words, if at any time the chain tension can compress the rear shock (activating the suspension) or extend the rear shock (deactivating the suspension), then the system can NOT be active. Some suspension systems are active in certain gear combinations, but not others. To be called active by this definition, it must always be active and not be gearing dependent. In other words, a bike is either active, or it's not. Active suspension is a full-time trait, so a bike cannot be 'partly active'. And if it's Active, it's also Fully Active (they are the same by this definition).

Another instance of an inactive suspension is one that is effectively locked out through the rider's body weight, in any position. So if the suspension cannot move due to the rider's weight, the system is not active.

The last instance of inactive suspension is an option we offer on the Y22 and Y33. Should you choose, you can lockout the rear shock with the handlebar mounted control. But in this case, you're not limited by the suspension design, you choose if you want Active or Inactive.

Evaluating Suspension Designs

Weight

With any suspension system, it's a given that the suspension is going to add weight and complexity to a bike. For this reason, if there isn't much travel, it's not a worthwhile trade-off. Rear suspension should offer at least as much travel as the average shock seat-post, say 2 to 3 inches.

Travel

As long as weight is kept to a minimum, more travel is generally desirable in a suspension design. If it works right, additional travel will let you ride over bigger obstacles. But because additional travel can show flaws in a design, many suspension systems limit travel. Even the Trek Y3 has 4" of travel, matching what some companies refer to in 1998 as "long travel."

Shocks

When evaluating a suspension system to see if it's Active or not, this refers to the frame design. Another important part of the suspension system is the shock. Different shocks have different spring rates, damping curves, and other performance differences (spring materials, durability, etc.). A really good suspension system (like our Y bike) can use a variety of shocks and still feel good.

The spring stores energy from hitting a bump, then gives it back. Different springs and spring materials, do this somewhat differently and effect how the suspension feels. Damping effects the suspension by slowing down the spring, actually managing that energy. But some suspension systems use excessive damping to try to manage energy from another source, namely the rider.

The bench test

Some systems have used both limited travel and excess damping to cover up their inadequacies. If the suspension doesn't move a lot, or moves slow, it's hard to tell if it's active or inactive when riding. To understand what a suspension system is doing, it sometimes helps to put the bike on a workstand and remove the shock. Then you can see what pedaling does, what the total travel might be, and how the different parts interact under loads.

EVALUATING SUSPENSION SYSTEMS

How can you tell if a suspension system if fully active?

Look at how the chain tension will effect the motion of the swingarm. If the chain pulls at an angle to the pivots, it will effect the suspension motion and make it inactive.

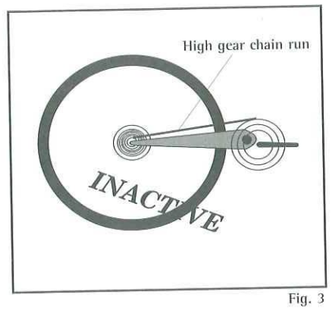


Fig. 3

Even if its a linkage or a strut type design?

Don't pay too much attention to other parts of the rear suspension. Whether it's a 'strut' design, multiple linkages, whether the shock is oriented horizontally or vertically, whether it's coil/over or air sprung, it's the pivot location that determines whether a system is active or inactive.

You mean those other things don't effect the suspension?

Linkages, struts, and parallelograms allow a suspension designer to alter shock compression ratios or to tweak other characteristics, but the main pivot location and the chain angle are the only things that dictate the chain's effect on the rear wheel travel. Given that we're all riding multiple geared bikes, the single feature which separates different suspension designs is the location of the main pivot.

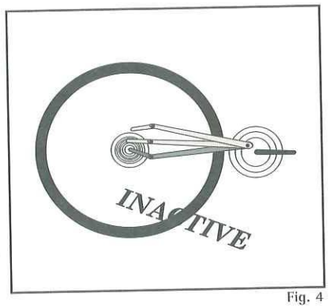


Fig. 4

So the pivot location is everything?

If the pivot is located so that the upper chain run lies above the pivot, and at an angle (Figs. 1 and 2), the chain will do two things; it will pull the rear wheel toward the seat, and it will resist the motion of the wheel returning to its normal position during rebound. In high gear, you'll see this effect would be stronger with this particular design.

Why don't you always feel this?

How much you feel the suspension when pedaling will depend on the amount of travel, the amount of damping, the exact pivot placement, and the gear you choose.

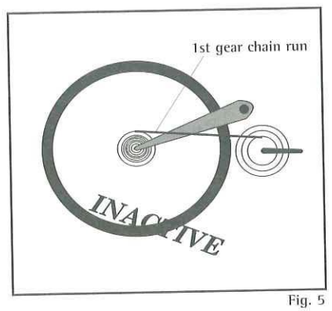


Fig. 5

What about pivots above the big chainring?

Figure 3 shows a high pivot suspension design. In this case, chain tension will pull the rear wheel downward, and resist wheel movement when a bump is encountered.

But if the pivot is in line with the chain, then it's active?

Some designs attempt to counter the effect of the chain by placing the pivot exactly in line with the chain at the top of one of the chainrings. While this may allow full activity in a particular gear combination, shifting to another gear will make the suspension less active. And by definition, there is no such thing as 'partially active.'

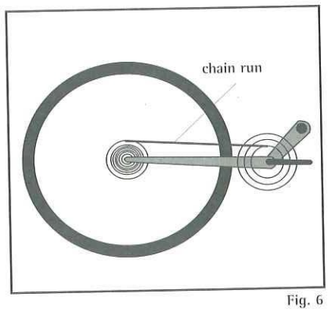


Fig. 6

So what designs are Active?

Figure 4 shows a Unified Rear Triangle (also sometimes called a Floating Drivetrain) which has no pivot between the bottom bracket and the rear wheel. Because these two structures are rigidly connected, chain tension cannot pull them together or apart. Regardless of what gear you are in, the suspension always works the same.

So all URTs are Active?

No. It depends on where you place the pivot.

How does pivot placement effect a URT?

Figure 5 shows that when the rider stands on a Y bike, their weight is applied to the swingarm right below the pivot through the bottom bracket. The rider is literally 'hanging from the pivot.' So, virtually no weight is applied to the rear wheel and the suspension can activate over any bump.

Figure 6 shows what can happen when you move the pivot. When the rider stands, their weight is applied to the rear wheel, preventing it from moving upward as it contacts a bump. If the suspension is being prevented from moving, its inactive.

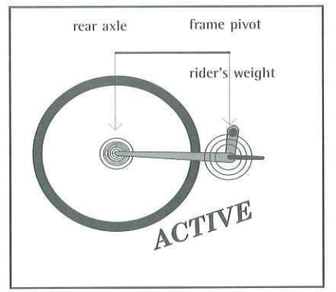


Fig. 7

How do I tell this to my customers?

You can do a simple demonstration with a rigid beam of some type like a ruler, frame tube, or even a pencil.

How do I show them how the Y works?

Place one end of your beam on the counter. This end will represent the pivot. Let the customer hold the other end of the beam to act as the rear wheel.

In the upper half of the diagram, we show that with a Y bike, the rider's weight when standing is essentially on top of the pivot, so place your body weight as shown. The customer will still be able to move the 'rear wheel' end of the beam up and down easily, demonstrating that the Y bike is fully active when standing.

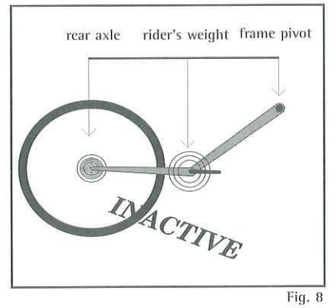


Fig. 8

What about other URT designs?

On URT bikes with their pivot placed further forward, when the rider stands, the weight applied to the bottom bracket ends up being somewhat further back on the swingarm. The lower portion of our diagram shows that your hand should be placed further away from the pivot now, and when you push down, it will exert a force on the customers hand (the rear wheel) showing that a standing rider on other URT designs deactivates the suspension, essentially locking it out.

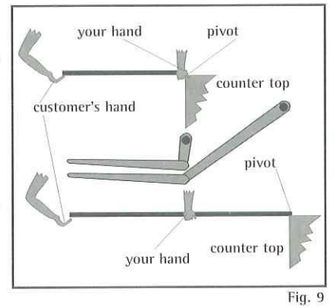


Fig. 9

OK. I see how that works, but doesn't the seat move up and down on a Y bike?

You can also use this demonstration so show that on a Y bike, it's not an issue. Have the customer move the 'rear wheel' up and down, while watching how much your hand (the bottom bracket) moves. With the Y bike pivot location, there is very little vertical motion of the bottom bracket when the rear wheel goes over a bump, allowing the rider to pedal without interruption. The actual distance for a Y bike; when the rear wheel moves up 4 inches, the bottom bracket moves up about 1/4 inch, or less than the amount the saddle will compress under a similar load.

MORE SUSPENSION TECH TALK

What's a falling rate?

A falling rate means that for each increment of rear wheel movement, the rear shock will be compressed less.

What other kinds of suspension are there?

A linear rate would yield the same amount of shock compression for each inch of wheel travel, like a telescoping suspension fork. A rising rate would mean that for each inch of wheel travel, the shock would compress slightly more.

Some magazines say a falling rate is bad. Why?

If the falling rate is significant, it means that as the shock is compressed fully, it might not provide enough stiffness to keep the suspension from bottoming out. But, to bottom out the suspension would require either a very falling rate, a very low preload (too much sag), or a low amount of travel in the first place.

Is the Y bike a falling rate suspension?

The 1997 Y bike had a very slight falling rate. The 1998 is essentially linear, although the rider has some choice with our new plate system (Fig. 10).

So the rider can choose?

With a 1998 Y bike, there are two shock positions. Of the two positions, a more falling rate is achieved with the adjustable plates oriented so the shock mount is closer to the bottom bracket.

How much of a falling rate is it?

If the bike achieves 4" of rear wheel travel, the shock compresses 0.354" during the first inch of wheel travel. During the second 1" of wheel travel, the shock compresses 0.351". The third inch of wheel travel compresses the shock 0.349", and the last inch of wheel travel compresses the shock about 0.346" (see Fig. 11). So, there is only 0.005" difference.

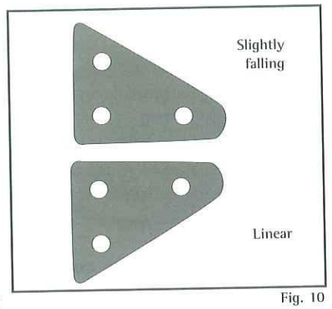


Fig. 10

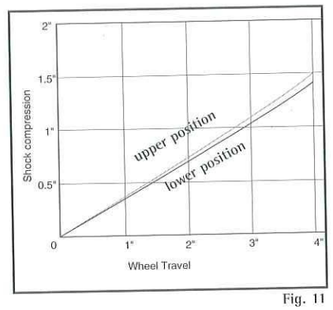


Fig. 11

What about with the plates flipped?

There's only .001" difference in shock compression from the first to the last inch of wheel travel.

So there's not a lot of difference between the linear and falling rates?

The type of shock will make as much, or more difference.

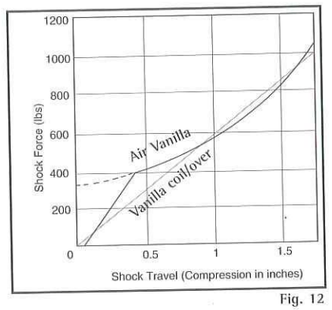


Fig. 12

So the shock's spring rate can actually have more effect than the shock compression rate?

The spring curve of the shock is the amount of compression the shock undergoes for a given force applied to the shock. In Fig. 12, the graph shows a comparison between a Fox Vanilla coil/over with a 700# coil and an Air Vanilla inflated to 190 PSI initial pressure. The straight, grey line represents the coil/over, and the black line is the Air Vanilla. Notice that at 400 pounds force (the second line up on the chart), the Air Vanilla has compressed only about 0.4", while the coil/over shock has compresses about 0.7". This indicates that on small bumps, the coil/over shock will feel a little more supple.

What's the dotted line?

That's what the curve of an older air shock would have looked like, where stiction kept the shock from moving until you hit a harder bump.

So what does this mean to the rider?

It's important to note that shock compression rates, spring curves, damping rates, etc. work together in a suspension system, so it's hard to pull just one piece of the puzzle out and see the whole picture.

The important thing is to see how the bike feels. The shock compression rate will effect how plush the bike feels, but so can the spring. You can get about a 10% leverage change by flipping the plates over, along with a small change in how the suspension feels. And one last point - if you're like most riders, you'll never bottom out a properly set up Y bike.

LONG TRAVEL Y GLIDE

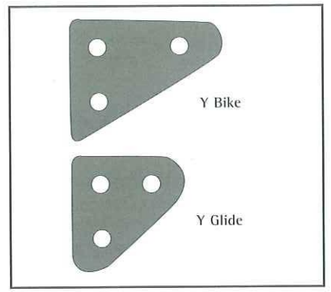


Fig. 13

Are the plates on a Y bike different from those on a Y Glide?

Yes, they are. With a different set of shock mounting plates, a Y bike can be set up for the new long travel suspension forks without losing steering precision.

How would you lose steering accuracy by using a longer fork?

Longer travel forks, by necessity, have longer axle-to-crown lengths. When you raise the head tube of a bike, you also raise the bottom bracket, slacken the head angle, and change the trail so the bike ends up handling differently.

Sounds like what happened when we first went to suspension forks.

It's no different. Yet many companies are trying to sell old frame designs with much longer forks.

So the Y Glides are the same steering as a Y bike?

It's not the same as our 'normal' Y bikes, but we don't think it should be. Look at the Team Downhill bike with its 67° head angle. This gives it extra stability at high speed, and it helps the suspension work better through a modified axle path.

Are the Y Glides downhill bikes?

They're not true downhill bikes by NORBA Pro standards, but neither are they standard cross country bikes. So, they have 70° head angles. By using the Y Glide plate, we correct the steering angle so that even with the 4" of fork travel and 5 1/2" of rear wheel travel on a Y Glide Deluxe, you still get a bike that handles beautifully and won't leave you 'out of bounds' on that twisty singletrack you like to ride.

I read that triple clamp forks would break a regular bike.

Triple clamp forks do put additional stress on a bike frame applied by both the extra length and the extra stiffness. For this reason, triple clamp forks should not be put on any Trek other than the '98 dual suspension frames.

So who are these Y Glides for, if they're not downhill racing bikes?

- They're for 'adventure' riders, who like to ride in rougher terrain. Not everyone stays on the groomed trails.
- They're for ski area riding, where a majority of the riding is downhill.
- They're for riders who need more suspension. Ever watch what a suspension fork can do for a novice rider, letting them tackle more terrain with less fatigue? A full suspension bike has even more of this effect. And a Y Glide has more yet. So a Y Glide may be the perfect bike for a less skilled rider who want to ride in extra-rough terrain.
- And yes, the Y Glides would make great downhill bikes for those who only occasionally race, or can't afford a special-use bike, or just want to be able to get back up the hill after they do the descent.

Triple clamp forks - Aheadset® adjustment

Triple clamp forks, also called double triple clamp forks, use a crown both above and below the head tube to hold the fork's stanchions (upper tubes). This adds lots of lateral rigidity to the fork for increased steering precision. It also makes adjusting the headset slightly more time consuming. To adjust the preload on an aheadset with a triple clamp fork, first loosen the upper crown pinch bolts. Then loosen the stem's steerer pinch bolts. After adjusting the preload on the headset, torque the upper crown pinch bolts. Tighten crown pinch bolts on Manitou triple clamp models to 70-80 lb•in (7.9-9 Nm). On RockShox models, tighten crown pinch bolts to 60 lb•in (6.8 Nm). Then torque the stem's steerer clamp bolts.

Suspension set up

As important as understanding the theory behind a suspension design is knowing how to sell the suspension feel, starting with how to set it up. For most riding, we recommend that the Y Bikes be set up with between 5 and 10mm of front fork sag, and 3-8mm of rear shock sag (measured at the shock). The net result of this sag should be around 5-10mm of bottom bracket sag.

However, a first timer on suspension may find all that motion unsettling. When setting up a bike for a test ride, find out how much experience a rider has with full suspension. If it's little, explain to the customer that you are going to show them the bike twice; once set up with little sag (to mimic the feel of their hardtail bike). After a short ride, readjust to the above recommendations. If you skip the step, you could lose a sale to someone who does not realize that plush is a benefit on suspension.

The Y Glides should be ridden with about 5mm more bottom bracket drop, running 10-15mm fork sag, and 5-10mm of rear shock sag. Remember the above advice when setting a Y Glide up for a test ride, only this advice may apply to an experienced full suspension rider.

If the bike does not adjust to the settings the rider wants, there are different springs available for the rear shocks.

CARBON FIBER COMPOSITE AND OCLV

What exactly is OCLV?

OCLV stands for Optimum Compaction Low Void. It's a term describing the carbon fiber composite that Trek makes.

Isn't all carbon fiber the same?

Carbon fiber, as we tend to call it, is a composite. A composite material can be defined as two or more dissimilar materials which, when joined, exhibit better properties than each individual material. Carbon fiber composite is usually a combination of carbon fibers and resin. As such, there are three variables; carbon, resin, and the way they are combined.

So the real name is carbon fiber composite?

Yes. Carbon fibers by themselves would not make good bike frames, even though, by itself, carbon fiber is one of the strongest, stiffest materials known to man. A typical fiber is 0.0002" in diameter. They are incredibly strong along their length, but fragile when bent.

Just how strong are they?

To really answer that, we need to look at some Engineering Tables. Sorry, but engineering is who we are at Trek. Look at the Ultimate Tensile Strength (Fig. 14). This is measured by comparing a solid bar of material to its density (weight per volume). You'll notice that carbon fiber composite leads the pack. By a lot! In fact, more than double the strength per weight of any other material.

But such a thin fiber can't be very stiff!

Actually, it's very stiff. Figure 15 shows the Specific Modulus of a variety of materials. This chart shows the modulus (stiffness) of each material compared again to its density, or weight per volume. You'll notice that carbon fiber is quite a bit stiffer than the other materials.

OK. So what's resin?

Resin is the glue, or matrix, which holds the individual fibers together so that they can be combined into a structural material.

What kind of glue?

In OCLV, we use epoxy resin to make thermoset carbon fiber composite. Thermoplastic carbon composite uses nylon.

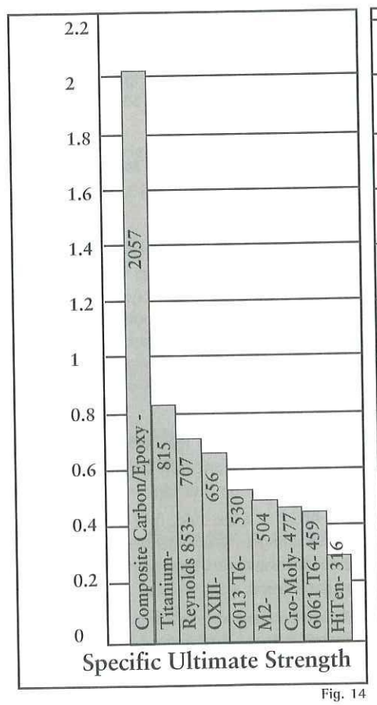


Fig. 14

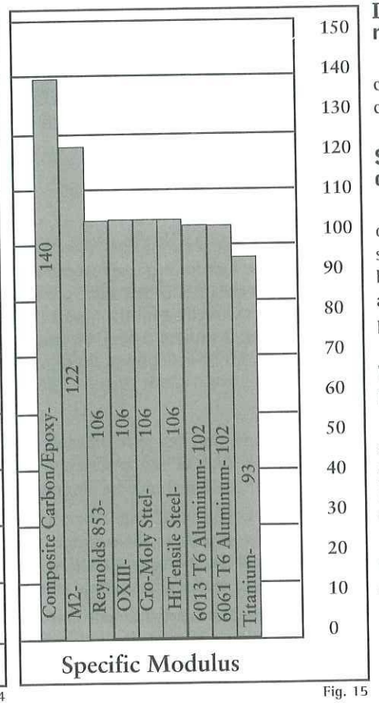


Fig. 15

I've used epoxy, but I didn't know nylon is made of glue.

When you heat nylon up and let it cool, it can work like a glue to hold the carbon fibers together.

So with epoxy, you pour the glue over the fibers?

OCLV uses something called prepreg, or pre-impregnated carbon fiber. It's a sheet of carbon fiber fabric which has been impregnated with resin. The fibers are oriented within the sheet and help in place.

What do you do with the sheets of prepreg?

We orient the sheets so the carbon is at precise angles, cut them to shape, and place them in a mold. Prepreg makes it much easier to work with the fibers than working with them in their dry form.

Why do you cut the carbon at angles?

Carbon only has strength in the direction of the fibers, so it's really important for the fibers to be in precise orientation in the frame.

Are the fibers all at the same angle?

All the fibers in a sheet of prepreg are at the same angle. This is called unidirectional. But, we might have several layers running at different angles.

Doesn't a bunch of layers make the frame sort of thick?

Each layer is 0.0005" thick, so we can stack up quite a few layers and still end up with a thin laminate.

What's a laminate?

A laminate is the structure or frame part made of composite. It's called a laminate because it has several layers which, when made right, form into a single layer.

How do you form the prepreg sheets into a single layer?

After the sheets have been oriented for fiber angle and cut to their specific shapes, they are placed in a mold where pressure and heat allow the epoxy to join everything together.

Sounds simple enough.

It's both simple and extremely difficult. With simple shapes like a flat sheet or cylinder, it's not hard to do. But with more complicated shapes and tight bends, like on a bike frame, it gets much harder. All those curves make it hard to get the uniform pressure you need to get the fibers compacted, squeezing out all the air bubbles and extra resin.

Air bubbles?

Air bubbles, even tiny ones, can cause the laminate to be weak. In OCLV, we end up with with less than 1% voids. Other processes, especially thermoplastic, commonly end up with 5% or greater voids.

Why especially thermoplastic?

Thermoplastic uses a nylon resin. Nylon's natural state is a solid. So even at the very high temperatures and pressure, the nylon tends to be stiff and board-like when compared to epoxy. At much lower temperatures, epoxy is very fluid. That's important because you want the resin to completely 'wet-out', or surround every single fiber. Otherwise you get voids.

OK. You don't want voids, but what's the big deal with just 4% difference?

That 4% difference in voids means about a 30% difference in structural strength.

So can't you just use more resin, or a little bit thicker laminate?

You don't want to just add resin. Resin is heavy. Plus, the most strength comes from a precise blend of resin and fibers. The frame designer will know they can't get sufficient strength with a thin laminate, so they add material for thicker walls, or internal reinforcements to try and add strength.

What does that do?

When you add thickness, or ribs, or anything else, it changes the weight and feel of the frame. It's like the benefits of butting a steel frame. Heavy, thick-walled tubes tend to feel dead and heavy. The thin walls of an OCLV bike make it feel alive under you. An OCLV frame feels like it always wants to accelerate.

Don't the thicker walls make the bike stiffer?

The stiffness of a structure is mostly defined by its outer diameter. So, if you want something to be stiffer, you should make it bigger in diameter, not thicker.

Isn't thermoplastic big in the aerospace industry?

The aerospace industry has largely dropped thermoplastic carbon composite. One major airframe manufacturer spent 2 1/2 years and millions of dollars on an R&D project to replace a thermoset part with thermoplastic. After 150 iterations, they dropped the project just like the rest of the industry.

If you could make a high quality, thermoplastic laminate bike frame, would it ride better?

Right now, the technology doesn't exist to make thermoplastic frames of the laminate quality we get with every single OCLV frame. But even if you could make a thermoplastic bicycle frame with the exact same laminate quality as OCLV, thermoplastic doesn't offer any benefits beyond those of the thermoset composite we now use.

The OCLV test:

1) If a material is superior to Trek's OCLV for making a bike, it should be just as strong, only lighter.

2) If a material is just as durable as Trek's OCLV, it should match the OCLV Limited Lifetime Warranty.

3) If a material is as good as Trek's OCLV, it should feel as good under you on the road or trail.

THE REDESIGNED Y BIKE

Improving a great platform

The Trek Y bike is one of the most copied bike designs ever. Look at virtually any bike catalog for 1998, and you'll see something that looks like a Trek Y Bike. Even our own road bikes!

Sometimes, it's just the general shape of the frame. Other times, it's the Y bike pivot location. And in still others, it looks like a blatant copy of the Y bike in its entirety. We're flattered, but let's be honest. Looks aren't everything.

To achieve this success, the entire package has to be great, right down to the suspension hardware (like quality, long lasting nuts and bolts). Our pivots have passed the test of time, being quiet and trouble free. With OCLV construction, our frames are some of the lightest on the planet, and Y bikes are durable, so they are a lasting investment in fun for their riders.

We're very satisfied with the acclaim the Y bikes have received. Even so, we've been doing our homework, looking for ways to improve the new 1998 Y bike. While some of the changes are to improve fit and handling, many are to address changed component requirements, including direct pull brakes, disc brakes, longer travel forks and rear shocks, and a host of details. Here's the short list:

Improvement	Benefits
Stiffer main frame	Increased pedaling efficiency Better handling
Stiffer rear triangle	Increased pedaling efficiency Better handling
Adjusted geometry for longer forks	Keeps steering correct with longer travel forks
Stronger, better aligned rear shock mount	Easier shock installation No cosmetic issues
Adjustable shock compression ratio	Tunable to shock type Tunable to rider preference Tunable to correct geometry for long travel forks
Stiffer replaceable rear derailleur hanger	Stronger Increased shifting accuracy (less flex)
Shorter, large section 'seatstays'	Stiffer to eliminate V brake flex
Integral rear disc brake mount	Simple, 2 bolt attachment for Hayes disc brakes
Cleaner cable routing	Reduced cable friction Reduced steering input from cables
No chain or seat stay bridges	Less mud accumulation Increased fatigue resistance
Increased tire clearance	Less mud accumulation Increased tire selection
Modified geometry with short steering moment	Uses shorter stems on medium and large sizes Puts hands closer to steering axis for increased control Moves front wheel further forward to resist front endos Adds steering stability
Lower bottom bracket	Lowers center of gravity for additional stability Makes bike easier to get on, especially in steep terrain
Increased size range	Small fits smaller rider, large fits larger rider

When you ride the new bike, you're going to notice it handles quite differently from other full suspension bikes. Is it the new geometry, or is it that we've almost doubled the lateral stiffness of the bike? The real answer would be: Yes.

To get the most out of the new geometry, we needed to beef up the frame's stiffness. If we had simply lengthened the old Y bike frame, it would have been more flexible. Instead, we dramatically increased the outer dimensions of the frame so now it's a lot stiffer, even though it's longer.

When the wall thickness of a structure is beefed up, you add strength (which is mostly dependent on material cross section), but the stiffness doesn't change much. However, when you increase the diameter or outer cross section, stiffness goes up fast. Figure 16 shows the outline of a new Y frame laid over the grey shape of an earlier Y frame.

The line across the frame in Figure 17 shows where we have looked at the cross section of the two frames, as shown in Figure 16. This figure shows the dark grey cross section of a new Y bike surrounding the lighter grey cross section of our earlier Y bike. The result of this increase in cross section is 100% increase in lateral stiffness of the main frame, even though it's longer. A small increase would have made a noticeable difference, but this one is huge!

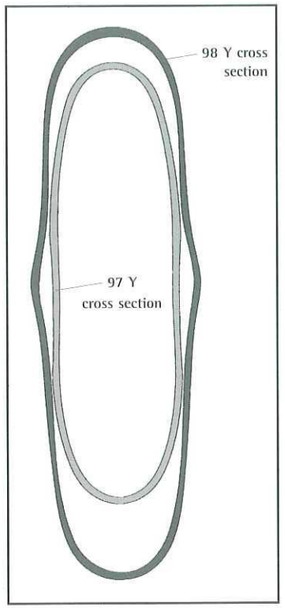


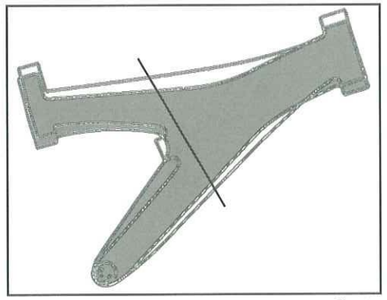
Fig. 16

The weight is almost exactly the same from the earlier Y bike to the new one. Total for the front and rear is 4.2 pounds, less than some of our competitor's hardtails!

While the front end grew, the rear end shortened. This was done primarily by laying the 'seat tube' of the rear triangle further back, shortening the seat stays by almost 2 inches. But, we also changed the cross section of both the seat and chainstays. This greatly increased their rigidity. You'll notice this under hard pedaling, but also when you clamp on the binders.

As said before, adding stiffness would make a big difference in how the Y rides, but we also changed the geometry. The intent behind this geometry change was to get the rider's hands closer to the steering axis (the point where everything turns, the headset and fork steerer).

We looked at the placement of the rider's center of gravity on a small Y bike and compared it to a large. With a stem length difference of as much as 60mm, the tall rider on a large Y bike placed much more weight on the front wheel. Plus, their hands were much farther from the steering axis, requiring them to sweep their hands sideways to effect small steering changes. And as you move your hands from the bike's centerline, your center of gravity follows your hands. Why should a large bike handle so differently than a small?


Fig. 17

We thought about this for awhile, and argued theories on how a longer top tube and shorter stem would affect the handling. A big concern was that with less weight on the front wheel, there would be too much wheel flop on steep climbs (we were wrong). We also reasoned (correctly, as it turns out) that moving the front wheel further ahead of the rider and lowering their center of gravity would make the bike much more stable on steep descents. Eventually, we got down to building prototypes. And when we rode them, we were amazed!

As we tried different versions, we tweaked different things here and there. We played with chainstay lengths, handlebar heights, and more. We increased the fork lengths to accommodate the new 70 and 80mm travel forks. We also lowered the bottom bracket a bit. And, with the introduction of our new long travel Y Glides, we no longer felt the need to make the regular Y bikes super long travel, so we shortened the rear wheel travel down to 'just' 4 inches.

The new geometry is rock solid. At first, riders will feel this bike steers very differently than others because it is very different, particularly on the medium and large frame sizes. But after you get used to it, a 'regular' bike feels funny. Funny as in "That's funny, why didn't we think of this before".

A final concern of the new bikes is fit. The table below tells the story.

	1997			1998		
	S	M	L	S	M	L
Effective top tube	566	597	615	562	611	641
Stem length	105	120	135	90	105	105
Reach	660	705	736	643	706	736

OUR PRICE: $

Y 33

Main tubes	OCLV carbon	
Stays	6061 T6 aluminum, TIG welded URT	
Fork	RockShox Judy SL	80mm travel
Rear shock	Fox Air Vanilla RC air/oil w/remote	1.5" stroke,102mm rear wheel travel 6.5" eye to eye, 5/8" & 7/8" ends
Headset	Cane Creek	25.4/34.0/30.0, 27.8mm stack
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter
Stem	ICON forged alloy direct connect 39.5mm steerer clamp height	
Bar ends	ICON Carbon	
Grips	Trek Dual Density	
Shifters	Shimano XTR RapidFire SL	
Front derailleur	Shimano Deore XT Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano XTR Rapid Rise	
Brakes	Shimano XTR V	
Brake levers	Shimano XTR V	
Crankset	Shimano Deore XT 4 arm 42/32/22	Splined/104/64mm bolt hole circle
Bottom bracket	Shimano BB-UN72	73 x 113
Pedals	Shimano SPD M747 clipless	9/16" axle
Cassette	Shimano XT 11-30	8 spd
Chain	Sachs PC-51	106 length, 3/32"
Front hub	Cane Creek Crono, Salsa FlipOffs	
Front tire	Bontrager Jones, folding	49/53
Rear hub	Cane Creek Crono, Salsa FlipOffs HyperGlide	Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Jones, folding	46/50
Tubes	Presta valve, ultra light	
Front Rim	Cane Creek Swami	Custom drilled, 541 E.R.D., Velox 19mm rim strip
Rear Rim	Cane Creek Swami RDR	Custom drilled, 541 E.R.D., Velox 22mm rim strip
Spokes	Nail head straight pull, 3/16" hex nipple	24 spoke Radial Front, 28 spoke 1x/Radial Rear 252, 233/249 rear (D/ND)
Saddle	Bontrager FS+10 Race Lite, Titanium/leather, Kevlar corners	
Seatpost	ICON 2, 2014 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts, shock pump, handlebar mount damping adjuster	
Colors	Platinum Pearl/Eggplant • Platinum 3D decal	

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

26.25 lb.
11.92kg

		S	M	L
	Frame sizes	S	M	L
	Handlebar width	580	580	580
	Stem length	90	105	105
	Crank length	170	175	180
	Seatpost length	250	350	350
	Steerer, mm	196	216	236
		All measurements w/10mm sag front and rear, except standover and fork length		
	Fork Length	433mm axle-crown race		
	Head angle	71.5	71.6	71.6
	Seat angle	74.5	73.6	72.6
MM	**Standover**	712	730	750
	Seat tube	445	483	533
	Head tube	105	125	145
	Eff top tube	562	611	641
	Reach	643	706	736
	Chainstays	425	425	425
	BB height	313	313	313
	Offset	42	42	42
	Trail	68	68	68
	Wheelbase	1059	1099	1115
IN	**Standover**	28.03	28.74	29.53
	Seat tube	17.52	19.02	20.98
	Head tube	4.13	4.92	5.71
	Eff top tube	22.13	24.06	25.24
	Reach	25.32	27.79	28.97
	Chainstays	16.73	16.73	16.73
	BB height	12.32	12.32	12.32
	Offset	1.65	1.65	1.65
	Trail	2.68	2.66	2.66
	Wheelbase	41.69	43.27	43.90

Y 22

OUR PRICE: $

Main tubes	OCLV carbon	
Stays	6061 T6 aluminum, TIG welded URT	
Fork	Manitou X-Vert, TPC	80mm travel
Rear shock	Fox Air Vanilla RC air/oil w/remote	1.5" stroke, 102mm rear wheel travel
		6.5" eye to eye, 5/8" & 7/8" ends
Headset	WTB Grease Guard	25.4/34.0/30.0, 27.0mm stack
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height
Bar ends	ICON Forged Ergo	
Grips	Trek Dual Density	
Shifters	Shimano Deore XT RapidFire SL	
Front derailleur	Shimano Deore XT Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano XTR Rapid Rise	
Brakes	Shimano Deore XT V	
Brake levers	Shimano Deore XT V	
Crankset	Shimano Deore LX 4 arm 42/32/22	Splined/104/64mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	ICON clipless	9/16" axle
Cassette	Shimano HG70-I 11-30	8spd
Chain	Sachs PC-41	106 length, 3/32"
Front hub	Shimano Deore XT	
Front tire	Bontrager Jones, folding	49/53
Rear hub	Shimano Deore XT	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Jones, folding	46/50
Tubes	Presta valve, ultra light	
Front Rim	Bontrager Valiant	541 E.R.D., Velox 22mm rim strip
Rear Rim	Bontrager Mustang ASYM	541 E.R.D., Velox 22mm rim strip
Spokes	DT 14/15G butted stainless, alloy nips	32 spoke Radial Front, 32 spoke 3x Rear
		254, 264/265 rear (D/ND)
Saddle	Bontrager FS+10 Race, Cro-Moly/leather	
Seatpost	ICON 2, 2014 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts, shock pump, handlebar mount damping adjuster	
Colors	Blaze Red/Mango • Mango 3D decal	
	Ice Inkwell Blue/Mango • Mango 3D decal	

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

26.75 lb.
12.14kg

	Frame sizes	S	M	L
	Handlebar width	580	580	580
	Stem length	90	105	105
	Crank length	170	175	175
	Seatpost length	250	350	350
	Steerer, mm	183	203	223
	All measurements w/10mm sag front and rear, except standover and fork length			
	Fork Length	433mm axle-crown race		
	Head angle	71.5	71.6	71.6
	Seat angle	74.5	73.6	72.6
MM	**Standover**	712	730	750
	Seat tube	445	483	533
	Head tube	105	125	145
	Eff top tube	562	611	641
	Reach	643	706	736
	Chainstays	425	425	425
	BB height	313	313	313
	Offset	42	42	42
	Trail	68	68	68
	Wheelbase	1059	1099	1115
IN	**Standover**	28.03	28.74	29.53
	Seat tube	17.52	19.02	20.98
	Head tube	4.13	4.92	5.71
	Eff top tube	22.13	24.06	25.24
	Reach	25.32	27.79	28.97
	Chainstays	16.73	16.73	16.73
	BB height	12.32	12.32	12.32
	Offset	1.65	1.65	1.65
	Trail	2.68	2.66	2.66
	Wheelbase	41.69	43.27	43.90

OUR PRICE: $

Y 11

Main tubes	OCLV carbon	
Stays	6061 T6 aluminum, TIG welded URT	
Fork	RockShox Judy XC	80mm travel
Rear shock	Fox Air Vanilla air/oil	1.5" stroke, 102mm rear wheel travel
		6.5" eye to eye, 5/8" & 7/8" ends
Headset	Dia-Compe SA Aheadset, alloy	25.4/34.0/30.0, 27.0mm stack
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height
Bar ends	ICON Fatty	
Grips	Trek Dual Density	
Shifters	Shimano Deore LX RapidFire+	
Front derailleur	Shimano Deore LX Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano Deore XT SGS	
Brakes	Shimano M600 V	
Brake levers	Avid Speed Dial-1.9 L long pull	
Crankset	Shimano Deore LX 4 arm 42/32/22	Splined/104/64mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	ICON clipless	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-41	106 length, 3/32"
Front hub	Shimano Deore LX	
Front tire	Bontrager Jones, folding	49/53
Rear hub	Shimano Deore LX	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Jones, folding	46/50
Tubes	Presta valve, ultra light	
Front Rim	Bontrager Mustang	542 E.R.D., Velox 22mm rim strip
Rear Rim	Bontrager Mustang ASYM	541 E.R.D., Velox 22mm rim strip
Spokes	DT 14/15G butted stainless, alloy nips	32 spoke Radial Front, 32 spoke 3x Rear
		254, 264/265 rear (D/ND)
Saddle	Bontrager Race +10, Cro-Moly/leather	
Seatpost	ICON 1, 6061 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mount, shock pump	
Colors	Team yellow/Black • Red 3D decal	

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

27.5 lb.
12.49kg

	Frame sizes	S	M	L
	Handlebar width	580	580	580
	Stem length	90	105	105
	Crank length	170	175	175
	Seatpost length	250	350	350
	Steerer, mm	183	203	223
	All measurements w/10mm sag front and rear, except standover and fork length			
	Fork Length	433mm axle-crown race		
	Head angle	71.5	71.6	71.6
	Seat angle	74.5	73.6	72.6
MM	**Standover**	712	730	750
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	Eff top tube	562	611	641
	Reach	643	706	736
	Chainstays	425	425	425
	BB height	313	313	313
	Offset	42	42	42
	Trail	68	68	68
	Wheelbase	1059	1099	1115
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	Chainstays	16.73	16.73	16.73
	BB height	12.32	12.32	12.32
	Offset	1.65	1.65	1.65
	Trail	2.68	2.66	2.66
	Wheelbase	41.69	43.27	43.90

Y 5

OUR PRICE: $

Main tubes	6061 T6 Trek design aluminum	
Stays	6061 T6 aluminum, TIG welded URT	
Fork	Manitou Spyder R	70mm travel
Rear shock	Fox Vanilla R coil/oil w/adj rebound	1.5" stroke, 102mm rear wheel travel 6.5" eye to eye, 5/8" & 7/8" ends
Headset	Dia-Compe SA Aheadset, alloy	25.4/34.0/30.0, 27.0mm stack
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height
Bar ends	ICON Fatty	
Grips	Trek Dual Density	
Shifters	Shimano Deore LX RapidFire+	
Front derailleur	Shimano STX Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano Deore XT SGS	
Brakes	Avid Single Digit 10 direct pull	
Brake levers	Avid AD-1.0 L long pull	
Crankset	Shimano STX-RC 4 arm 42/32/22	Splined/104/64mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	ICON clipless	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-41	106 length, 3/32"
Front hub	Shimano Deore LX	
Front tire	Bontrager Jones, folding	49/53
Rear hub	Shimano Deore LX	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Jones, folding	46/50
Tubes	Presta valve, ultra light	
Front Rim	Bontrager Maverick	546 E.R.D., Velox 22mm rim strip
Rear Rim	Bontrager Maverick ASYM	542 E.R.D., Velox 22mm rim strip
Spokes	DT 14/15G butted stainless	32 spoke Radial Front, 32 spoke 3x Rear 253, 264/265 rear (D/ND)
Saddle	Bontrager Comp +10, Cro-Moly rails	
Seatpost	ICON 1, 6061 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Team Purple/Mango • Mango 3D decal	

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

28.5 lb.
12.94kg

Frame sizes	S	M	L
Handlebar width	580	580	580
Stem length	90	105	105
Crank length	170	175	175
Seatpost length	250	350	350
Steerer, mm	183	203	203
Spring #	600	700	800
	All measurements w/10mm sag front and rear, except standover and fork length		
Fork Length	427mm axle-crown race		
Head angle	71.0	71.0	71.0
Seat angle	74.0	73.0	72.0
MM Standover	710	740	739
Seat tube	432	483	533
Head tube	105	125	125
Eff top tube	564	612	644
Reach	645	706	738
Chainstays	425	425	425
BB height	302	302	302
Offset	39	39	39
Trail	74	74	74
Wheelbase	1047	1087	1109
IN Standover	27.95	29.13	29.09
Seat tube	17.01	19.02	20.98
Head tube	4.13	4.92	4.92
Eff top tube	22.20	24.09	25.35
Reach	25.39	27.81	29.07
Chainstays	16.73	16.73	16.73
BB height	11.89	11.89	11.89
Offset	1.54	1.54	1.54
Trail	2.93	2.93	2.93
Wheelbase	41.22	42.80	43.66

OUR PRICE: $

Y 3

Main tubes	6061 T6 Trek design aluminum	
Stays	Cro-Moly	
Fork	RockShox Indy C	75mm travel
Rear shock	Fox Vanilla X coil/oil	1.5" stroke, 102mm rear wheel travel 6.5" eye to eye, 5/8" & 7/8" ends
Headset	Dia-Compe ST Aheadset	25.4/34.0/30.0, 25.0mm stack
Handlebars	System 1, 10° bend alloy, 30mm rise	25.4mm clamp diameter
Stem	System 1 forged alloy direct connect	41.0mm steerer clamp height
Bar ends	-	
Grips	Trek Dual Density	
Shifters	Shimano STX-RC RapidFire+	
Front derailleur	Shimano STX Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano Deore XT SGS	
Brakes	Dia-Compe 737 direct pull	
Brake levers	Dia-Compe DP7N direct pull	
Crankset	Sugino Impel 300 42/32/20	58/94mm bolt hole circle
Bottom bracket	Shimano BB-LP27	73 x 113
Pedals	Resin/alloy cage w/clips and straps	9/16" axle
Cassette	SR PF35C 11-28	8spd
Chain	Sachs PC-21	106 length, 3/32"
Front hub	Shimano STX-RC	
Front tire	Bontrager Jones	49/53
Rear hub	Shimano STX-RC	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Jones	46/50
Tubes	Presta valve	
Front Rim	Matrix Swami	546 E.R.D., Velox 19mm rim strip
Rear Rim	Matrix Swami RDR	542 E.R.D., Velox 22mm rim strip
Spokes	DT 14G stainless	32 spoke Radial Front, 32 spoke 3x Rear 256, 263/264 rear (D/ND)
Saddle	Bontrager Comp +10	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Ice RC Blue/Black • Silver 3D decal	

	20	32	42
11	48	76	100
12	44	70	92
14	37	60	79
16	33	52	69
18	29	47	61
21	25	40	52
24	22	35	46
28	19	30	39

29.9 lb.
13.57kg

Frame sizes	S	M	L
Handlebar width	580	580	580
Stem length	90	105	105
Crank length	170	175	175
Seatpost length	300	350	350
Steerer, mm	182	202	202
Spring #	600	700	800
	All measurements w/10mm sag front and rear, except standover and fork length		
Fork Length	427mm axle-crown race		
Head angle	71.0	71.0	71.0
Seat angle	74.0	73.0	72.0
MM Standover	710	740	739
Seat tube	432	483	533
Head tube	105	125	125
Eff top tube	564	612	644
Reach	639	699	731
Chainstays	425	425	425
BB height	302	302	302
Offset	39	39	39
Trail	74	74	74
Wheelbase	1047	1087	1109
IN Standover	27.95	29.13	29.09
Seat tube	17.01	19.02	20.98
Head tube	4.13	4.92	4.92
Eff top tube	22.20	24.09	25.35
Reach	25.14	27.52	28.78
Chainstays	16.73	16.73	16.73
BB height	11.89	11.89	11.89
Offset	1.54	1.54	1.54
Trail	2.93	2.93	2.93
Wheelbase	41.22	42.80	43.66

TEAM DOWNHILL

OUR PRICE: $

Main tubes	6061 T6 Trek design aluminum	
Stays	6061 T6 aluminum	
Fork	RockShox Boxxer Pro	152mm travel 10mm upper clamp height
Rear shock	Fox Vanilla RX coil/oil w/piggyback	2.25" stroke, 152mm rear wheel travel 7.5" eye to eye, 0.86" ends
Headset	Cane Creek	25.4/34.0/30.0, 27.8mm stack
Handlebars	ICON Downhill, 7° bend, 50mm rise	25.4mm clamp diameter
Stem	Bontrager forged alloy direct connect	44.5mm steerer clamp height
Bar ends	-	
Grips	Trek Dual Density	
Shifters	Shimano Deore XT RapidFire SL O.G.D., right only	
Front derailleur	-	
Rear derailleur	Shimano XTR Rapid Rise	
Brakes	Hayes Disc, downhill rotors front and rear	
Brake levers	Hayes Hydraulic front & rear	
Crankset	Shimano XTR 4 arm 48T	Splined/112/68mm bolt hole circle
Bottom bracket	Shimano XTR	73 x 116
Pedals	Shimano SPD M626 DX clipless	9/16" axle
Cassette	Shimano XT 11-30	8 spd
Chain	Sachs PC-51	106 length, 3/32"
Front hub	Hayes disc compatible, thru axle	
Front tire	Bontrager Jones, folding	52/55
Rear hub	Hayes Disc	HyperGlide Compact cassette, rotor, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Jones, folding	49/51
Tubes	Presta valve, ultra light	
Front Rim	Bontrager Clyde	542 E.R.D., Velox 22mm rim strip
Rear Rim	Bontrager Clyde	542 E.R.D., Velox 22mm rim strip
Spokes	DT 14/15G butted stainless	32 spoke 3x Front, 32 spoke 3x Rear 263/262, 264/264 rear (D/ND)
Saddle	Bontrager FS+10 Race, Cro-Moly/leather	
Seatpost	ICON 2, 2014 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	MRP DH-1 chain tensioner	
Colors	Team Yellow and Purple/Red • Team decal	

	48
11	114
13	97
15	84
17	74
20	63
23	55
26	48
30	42

37.0 lb.
16.80kg

		S	M	L
Frame sizes				
Handlebar width		620	620	620
Stem length		60	60	60
Crank length		170	170	170
Seatpost length		250	250	350
Steerer, mm		208	208	208
Spring #		450	525	625
	All measurements w/20mm sag front and rear, except standover and fork length			
Fork Length		516mm axle-crown race		
Head angle		67.0	67.0	67.0
Seat angle		69.0	69.0	69.0
MM	**Standover**	736	786	820
	Seat tube	452	483	549
	Head tube	125	125	125
	Eff top tube	577	598	627
	Reach	629	650	679
	Chainstays	435	435	435
	BB height	321	321	321
	Offset	42	42	42
	Trail	97	97	97
	Wheelbase	1080	1101	1131
IN	**Standover**	28.98	30.94	32.28
	Seat tube	17.80	19.02	21.61
	Head tube	4.92	4.92	4.92
	Eff top tube	22.72	23.54	24.69
	Reach	24.76	25.59	26.73
	Chainstays	17.13	17.13	17.13
	BB height	12.64	12.64	12.64
	Offset	1.65	1.65	1.65
	Trail	3.81	3.81	3.81
	Wheelbase	42.52	43.35	44.53

Y GLIDE DELUXE

OUR PRICE: $

Main tubes	6061 T6 Trek design aluminum	
Stays	6061 T6 aluminum, TIG welded URT	
Fork	Manitou X-Vert R, TPC	100mm travel 9.5mm upper clamp height
Rear shock	Fox Vanilla RX piggyback coil/oil	2.0" stroke, 137mm rear wheel travel 7.0" eye to eye, 5/8" & 7/8" ends
Headset	WTB Grease Guard	25.4/34.0/30.0, 27.0mm stack
Handlebars	ICON Downhill, 7° bend, 50mm rise	25.4mm clamp diameter
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height
Bar ends	-	
Grips	Trek Dual Density	
Shifters	GripShift ESP-900	
Front derailleur	Shimano Deore LX Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	GripShift ESP 9.0	
Brakes	Hayes Disc, front and rear	
Brake levers	Hayes Hydraulic, front and rear	
Crankset	Shimano Deore LX 4 arm 42/32/22	Splined/104/64mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	Shimano SPD M626 DX clipless	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-41	106 length, 3/32"
Front hub	Hayes disc compatible	
Front tire	IRC Missile	26 x 2.1
Rear hub	Hayes Disc	HyperGlide Compact cassette, rotor, 8 speed, 135mm O.L.D.
Rear tire	IRC Missile	26 x 2.1
Tubes	Presta valve	
Front Rim	Bontrager Mustang ASYM	542 E.R.D., Velox 22mm rim strip
Rear Rim	Bontrager Mustang ASYM	542 E.R.D., Velox 22mm rim strip
Spokes	DT 14/15G butted stainless	32 spoke 3x Front, 32 spoke 3x Rear 266/262, 263/264 rear (D/ND)
Saddle	Bontrager FS+10 Race, Cro-Moly/leather	
Seatpost	ICON 2, 2014 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Black Mercury Pearl/Mango • Mango 3D decal	

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

32.5 lb.
14.76kg

		S	M	L
Frame sizes				
Handlebar width		620	620	620
Stem length		90	105	105
Crank length		170	175	175
Seatpost length		250	350	350
Steerer, mm		192	212	212
Spring #		450	500	600
	All measurements w/15mm sag front and rear, except standover and fork length			
Fork Length		465mm axle-crown race		
Head angle		70.0	70.0	70.0
Seat angle		73.0	72.0	71.0
MM	**Standover**	731	759	759
	Seat tube	432	483	533
	Head tube	105	125	125
	Eff top tube	564	612	644
	Reach	644	706	738
	Chainstays	425	425	425
	BB height	313	313	313
	Offset	39	39	39
	Trail	81	81	81
	Wheelbase	1047	1087	1109
IN	**Standover**	28.78	29.88	29.88
	Seat tube	17.01	19.02	20.98
	Head tube	4.13	4.92	4.92
	Eff top tube	22.20	24.09	25.35
	Reach	25.36	27.78	29.04
	Chainstays	16.73	16.73	16.73
	BB height	12.32	12.32	12.32
	Offset	1.54	1.54	1.54
	Trail	3.18	3.18	3.18
	Wheelbase	41.22	42.80	43.66

Y GLIDE

OUR PRICE: $

Main tubes	6061 T6 Trek design aluminum	
Stays	6061 T6 aluminum, TIG welded URT	
Fork	RockShox Judy XL T2	100mm travel 14mm upper clamp height
Rear shock	Fox Vanilla X coil/oil	1.75" stroke, 121mm rear wheel travel 7.0" eye to eye, 5/8" & 7/8" ends
Headset	Dia-Compe ST Aheadset	25.4/34.0/30.0, 25.0mm stack
Handlebars	ICON Downhill, 7° bend, 30mm rise	25.4mm clamp diameter
Stem	System 1 forged alloy direct connect	41.0mm steerer clamp height
Bar ends	-	
Grips	Trek Dual Density	
Shifters	Shimano STX-RC RapidFire+	
Front derailleur	Shimano STX Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano Deore LX SGS	
Brakes	Avid Single Digit 10 direct pull	
Brake levers	Avid AD-1.0 L long pull	
Crankset	Sugino Impel 300 42/32/20	58/94mm bolt hole circle
Bottom bracket	Shimano BB-LP27	73 x 113
Pedals	Wellgo DH clipless	9/16" axle
Cassette	SR PF35C 11-28	8spd
Chain	Sachs PC-41	106 length, 3/32"
Front hub	Shimano STX-RC	
Front tire	Bontrager Jones	49/53
Rear hub	Shimano STX-RC	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Jones	46/50
Tubes	Presta valve	
Front Rim	Matrix Swami	546 E.R.D., Velox 19mm rim strip
Rear Rim	Matrix Swami RDR	542 E.R.D., Velox 22mm rim strip
Spokes	DT 14G stainless	32 spoke Radial Front, 32 spoke 3x Rear 256, 263/264 (D/ND
Saddle	Bontrager Comp +10	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Ice Inkwell Blue/Charcoal • Dark Chrome 3D decal	

	20	32	42
11	48	76	100
12	44	70	92
14	37	60	79
16	33	52	69
18	29	47	61
21	25	40	52
24	22	35	46
28	19	30	39

30.5 lb.
13.85kg

	S	M	L
Frame sizes			
Handlebar width	620	620	620
Stem length	90	105	120
Crank length	170	175	175
Seatpost length	300	350	350
Steerer, mm	196	216	216
Spring #	500	600	700
All measurements w/15mm sag front and rear, except standover and fork length			
Fork Length	465mm axle-crown race		
Head angle	70.0	70.0	70.0
Seat angle	73.0	72.0	71.0
MM Standover	731	759	759
Seat tube	432	483	533
Head tube	105	125	125
Eff top tube	564	612	644
Reach	638	698	742
Chainstays	425	425	425
BB height	313	313	313
Offset	39	39	39
Trail	81	81	81
Wheelbase	1047	1087	1109
IN Standover	28.78	29.88	29.88
Seat tube	17.01	19.02	20.98
Head tube	4.13	4.92	4.92
Eff top tube	22.20	24.09	25.35
Reach	25.11	27.48	29.22
Chainstays	16.73	16.73	16.73
BB height	12.32	12.32	12.32
Offset	1.54	1.54	1.54
Trail	3.18	3.18	3.18
Wheelbase	41.22	42.80	43.66

Seatposts

With OCLV frames, do not grease the seatpost. OCLV bikes have a fiberglass sleeve bonded into their carbon seat tube. This sleeve prevents galvanic corrosion of the seatpost and carbon, so no grease is needed, nor recommended. If grease is applied, it may be very difficult to get adequate clamping force to hold the seatpost. If you have accidentally greased an OCLV frame, use a rag with some degreaser to remove the grease, using normal caution to protect bearings and paint.

Trek OCLV mountain bikes are designed to accept 27.2mm seat posts with a tolerance of 27.10 to 27.20mm outer diameter. Measure the seatpost for conformity to this tolerance prior to installation.

For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 Nm).

Special Torque Specs

Rear derailleur hanger	30-40 lb•in (35-45 Nm)

Special Parts

	Part #
Rear derailleur hanger kit- Derailleur hanger, screw	980116

Bottom bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads, especially when inserting into an aluminum bottom bracket shell.

Chainstay guard

OCLV Mountain frames must always be fitted with a chainstay guard to protect against damage in case of chainsuck or overshifting past the inner chainring. This piece is both riveted and bonded. If it should be damaged, the frame should be shipped back to Trek for repair.

Triple Clamp, Dual Crown Forks

Triple clamp forks put additional stress on a bike frame applied by both the extra length and the extra stiffness. For this reason, triple clamp forks should not be put on any Trek other than the '98 dual suspension frames.

9900

OUR PRICE: $

Main tubes	OCLV carbon	
Stays	OCLV carbon	
Fork	RockShox SID	63mm travel
Headset	Cane Creek	25.4/34.0/30.0, 27.8mm stack
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height
Bar ends	ICON Carbon	
Grips	Trek Dual Density	
Shifters	Shimano XTR RapidFire SL O.G.D.	
Front derailleur	Shimano XTR Top Swing	Top pull, Plate style
Rear derailleur	Shimano XTR Rapid Rise	
Brakes	Shimano XTR V	
Brake levers	Shimano XTR V	
Crankset	Shimano XTR 4 arm 46/34/24	Splined/112/68mm bolt hole circle
Bottom bracket	Shimano XTR	73 x 116
Pedals	Shimano SPD M747 clipless	9/16" axle
Cassette	Shimano XTR 11-30	8spd
Chain	Sachs PC-51	106 length, 3/32"
Front hub	Cane Creek Crono, Salsa FlipOffs	
Front tire	Continental Double fighter, folding	26 x 2.0
Rear hub	Cane Creek Crono, Salsa FlipOffs	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Continental Double fighter, folding	26 x 2.0
Tubes	Presta valve, ultra light	
Front Rim	Cane Creek Swami	Custom drilled, 546 E.R.D., Velox 19mm rim strip
Rear Rim	Cane Creek Swami RDR	Custom drilled, 546 E.R.D., Velox 22mm rim strip
Spokes	Nail head straight pull, 3/16" hex nip	24 spoke Radial Front 28 spoke 1x/Radial Rear 252, 233/249 rear (D/ND)
Saddle	SSM Bontrager, Ti rails, Team embroidered	
Seatpost	ICON 2, 2014 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Team Yellow and Purple/Team • Team decal	

	24	34	46
11	57	81	110
13	48	69	93
15	42	59	80
17	37	52	71
20	31	45	60
23	27	39	52
26	24	34	46
30	21	30	40

22.25 lb.
10.10kg

	Frame sizes	15	16.5	18	19.5	21
	Handlebar width	580	580	580	580	580
	Stem length	90	105	120	120	135
	Crank length	170	175	175	175	180
	Seatpost length	250	350	350	350	350
	Steerer, mm	188	188	188	201	237
	Fork Length	415mm axle-crown race				
	Head angle	70.5	70.5	71.0	71.0	71.0
	Seat angle	73.0	73.0	73.0	73.0	73.0
MM	**Standover**	693	718	742	771	806
	Seat tube	381	419	457	495	533
	Head tube	110	110	110	124	159
	Eff top tube	554	565	592	594	600
	Reach	635	659	700	702	721
	Chainstays	424	424	424	424	424
	BB height	298	298	297	297	297
	Offset	38	38	38	38	38
	Trail	79	79	75	75	75
	Wheelbase	1030	1041	1060	1065	1070
IN	**Standover**	27.28	28.27	29.21	30.35	31.73
	Seat tube	15.00	16.50	17.99	19.49	20.98
	Head tube	4.33	4.33	4.33	4.88	6.26
	Eff top tube	21.81	22.24	23.31	23.39	23.62
	Reach	24.98	25.94	27.55	27.63	28.40
	Chainstays	16.69	16.69	16.69	16.69	16.69
	BB height	11.73	11.73	11.69	11.69	11.69
	Offset	1.50	1.50	1.50	1.50	1.50
	Trail	3.09	3.09	2.97	2.97	2.97
	Wheelbase	40.55	40.98	41.73	41.93	42.13

ALPHA ZX, ALPHA SL AND STEEL ATB

Seatposts

With aluminum and steel mountain bikes, lubricate the seatpost before insertion. Apply a thin layer of grease to the section of the seatpost that will be inserted into the frame. Insert the seatpost into the frame, adjust to the proper height, and engage the binder lever or bolt. Never engage the seatpost binder lever with the seatpost out of the frame.

Trek aluminum and steel mountain bikes are designed to accept 27.2mm seat posts with a tolerance of 27.10 to 27.20mm outer diameter. Measure the seatpost for conformity to this tolerance prior to installation.

For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 Nm).

Special Torque Specs

Rear derailleur hanger	30-40 lb•in (35-45 Nm)

Special Parts

	Part #
Rear derailleur hanger kit- Derailleur hanger, screw	980116

Bottom bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads, especially when inserting into an aluminum bottom bracket shell.

Chainstay guard

Aluminum mountain frames must always be fitted with a chainstay guard to protect against damage in case of chainsuck or over-shifting past the inner chainring.

Chainstay guard	980136

Triple Clamp, Dual Crown Forks

Triple clamp forks put additional stress on a bike frame applied by both the extra length and the extra stiffness. For this reason, triple clamp forks should not be put on any Trek other than the '98 dual suspension frames.

8900

OUR PRICE: $

Main tubes	Butted 6013 T6 aluminum		
Stays	6061 T6 aluminum		
Fork	RockShox SID	63mm travel	
Headset	WTB Grease Guard	25.4/34.0/30.0, 27.0mm stack	
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter	
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height	
Bar ends	ICON Forged Ergo		
Grips	Trek Dual Density		
Shifters	Shimano Deore XT RapidFire SL		
Front derailleur	Shimano Deore XT Top Swing	Top pull, 34.9mm/1 3/8"	
Rear derailleur	Shimano XTR Rapid Rise		
Brakes	Hayes Disc, front and rear		
Brake levers	Hayes Hydraulic, front and rear		
Crankset	Shimano Deore XT 4 arm 42/32/22	Splined/104/64mm bolt hole circle	
Bottom bracket	Shimano BB-UN72	73 x 113	
Pedals	ICON clipless	9/16" axle	
Cassette	Shimano XT 11-30	8 spd	
Chain	Sachs PC-51	106 length, 3/32"	
Front hub	Hayes Disc		
Front tire	Bontrager Revolt SS, folding	49/53	
Rear hub	Hayes Disc	HyperGlide Compact cassette, rotor, 8 spd, 135mm O.L.D.	
Rear tire	Bontrager Revolt SS, folding	46/50	
Tubes	Presta valve, ultra light		
Front Rim	Bontrager Mustang ASYM	541 E.R.D., Velox 22mm rim strip	
Rear Rim	Bontrager Mustang ASYM	541 E.R.D., Velox 22mm rim strip	
Spokes	DT 14/15G butted stainless, alloy nips	32 spoke 3x Front, 32 spoke 3x Rear 265/263, 264/265 (D/ND)	
Saddle	Bontrager FS+10 Race Lite, Titanium/leather		
Seatpost	ICON 2, 2014 Al	27.2mm diameter	
Seat binder	Alloy w/integral bolt	35.0 clamp diameter	
Additionals	2 water bottle mounts (1 on 13")		
Colors	Team Yellow/Video Blue • Blue decal		

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

24.0 lb.
10.90kg

	Frame sizes	13	16.5	18	19.5	21
	Handlebar width	580	580	580	580	580
	Stem length	90	105	120	120	135
	Crank length	170	175	175	175	175
	Seatpost length	250	350	350	350	350
	Steerer, mm	168	168	183	203	223
	Fork Length	415mm axle-crown race				
	Head angle	71.0	71.0	71.0	71.0	71.0
	Seat angle	74.0	73.5	73.0	73.0	72.5
MM	**Standover**	661	714	742	774	805
	Seat tube	330	419	457	495	533
	Head tube	90	90	105	125	145
	Eff top tube	536	566	584	596	610
	Reach	617	660	692	704	731
	Chainstays	424	424	424	424	424
	BB height	288	291	293	295	297
	Offset	42	42	42	42	42
	Trail	71	71	71	71	71
	Wheelbase	1015	1042	1057	1070	1080
IN	**Standover**	26.02	28.11	29.21	30.47	31.69
	Seat tube	12.99	16.50	17.99	19.49	20.98
	Head tube	3.54	3.54	4.13	4.92	5.71
	Eff top tube	21.10	22.28	22.99	23.46	24.02
	Reach	24.29	26.00	27.24	27.71	28.79
	Chainstays	16.69	16.69	16.69	16.69	16.69
	BB height	11.34	11.46	11.54	11.61	11.69
	Offset	1.65	1.65	1.65	1.65	1.65
	Trail	2.80	2.80	2.80	2.80	2.80
	Wheelbase	39.96	41.02	41.61	42.13	42.52

OUR PRICE: $

8500

Main tubes	Butted 6013 T6 aluminum		
Stays	6061 T6 aluminum		
Fork	Manitou SX-R, TPC	70mm travel	
Headset	Dia-Compe SA Aheadset, alloy	25.4/34.0/30.0, 27.0mm stack	
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter	
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height	
Bar ends	ICON Fatty		
Grips	Trek Dual Density		
Shifters	Shimano Deore XT RapidFire SL		
Front derailleur	Shimano Deore XT Top Swing	Top pull, 34.9mm/1 3/8"	
Rear derailleur	Shimano XTR Rapid Rise		
Brakes	Shimano Deore XT V		
Brake levers	Shimano Deore XT V		
Crankset	Shimano Deore XT 4 arm 42/32/22	Splined/104/64mm bolt hole circle	
Bottom bracket	Shimano BB-UN52	73 x 113	
Pedals	ICON clipless	9/16" axle	
Cassette	Shimano HG60-I 11-30	8spd	
Chain	Sachs PC-41	106 length, 3/32"	
Front hub	Shimano Deore XT		
Front tire	Bontrager Revolt ST, folding	49/53	
Rear hub	Shimano Deore XT	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.	
Rear tire	Bontrager Revolt ST, folding	46/50	
Tubes	Presta valve, ultra light		
Front Rim	Bontrager Mustang	542 E.R.D., Velox 22mm rim strip	
Rear Rim	Bontrager Mustang ASYM	541 E.R.D., Velox 22mm rim strip	
Spokes	DT 14/15G butted stainless, alloy nips	32 spoke Radial Front, 32 spoke 3x Rear 254, 264/265 (D/ND)	
Saddle	Bontrager FS+10 Race, Cro-Moly/leather		
Seatpost	ICON 2, 2014 Al	27.2mm diameter	
Seat binder	Alloy w/integral bolt	35.0 clamp diameter	
Additionals	2 water bottle mounts (1 on 13")		
Colors	Blaze Red/Mango • Mango decal		

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

24.5 lb.
11.12kg

	Frame sizes	13	16.5	18	19.5	21
	Handlebar width	580	580	580	580	580
	Stem length	90	105	120	120	135
	Crank length	170	175	175	175	175
	Seatpost length	250	350	350	350	350
	Steerer, mm	168	168	183	203	223
	Fork Length	415mm axle-crown race				
	Head angle	71.0	71.0	71.0	71.0	71.0
	Seat angle	74.0	73.5	73.0	73.0	72.5
MM	**Standover**	661	714	742	774	805
	Seat tube	330	419	457	495	533
	Head tube	90	90	105	125	145
	Eff top tube	536	566	584	596	610
	Reach	617	660	692	704	731
	Chainstays	424	424	424	424	424
	BB height	288	291	293	295	297
	Offset	42	42	42	42	42
	Trail	71	71	71	71	71
	Wheelbase	1015	1042	1057	1070	1080
IN	**Standover**	26.02	28.11	29.21	30.47	31.69
	Seat tube	12.99	16.50	17.99	19.49	20.98
	Head tube	3.54	3.54	4.13	4.92	5.71
	Eff top tube	21.10	22.28	22.99	23.46	24.02
	Reach	24.29	26.00	27.24	27.71	28.79
	Chainstays	16.69	16.69	16.69	16.69	16.69
	BB height	11.34	11.46	11.54	11.61	11.69
	Offset	1.65	1.65	1.65	1.65	1.65
	Trail	2.80	2.80	2.80	2.80	2.80
	Wheelbase	39.96	41.02	41.61	42.13	42.52

8300

OUR PRICE: $

Main tubes	Butted 6013 T6 aluminum	
Stays	6061 T6 aluminum	
Fork	Manitou SX, TPC	70mm travel
Headset	Dia-Compe SA Aheadset, alloy	25.4/34.0/30.0, 27.0mm stack
Handlebars	ICON Downhill, 7° bend, 30mm rise	25.4mm clamp diameter
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height
Bar ends	ICON Fatty	
Grips	Trek Dual Density	
Shifters	Shimano Deore XT RapidFire SL	
Front derailleur	Shimano Deore XT Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano XTR Rapid Rise	
Brakes	Avid Single Digit 20 direct pull	
Brake levers	Avid Speed Dial-1.9 L long pull	
Crankset	Shimano Deore LX 4 arm 42/32/22	Splined/104/64mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	ICON clipless	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-41	106 length, 3/32"
Front hub	Shimano Deore LX	
Front tire	Bontrager Revolt ST, folding	49/53
Rear hub	Shimano Deore LX	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Revolt ST, folding	46/50
Tubes	Presta valve, ultra light	
Front Rim	Bontrager Mustang	542 E.R.D., Velox 22mm rim strip
Rear Rim	Bontrager Mustang ASYM	541 E.R.D., Velox 22mm rim strip
Spokes	DT 14/15G butted stainless, alloy nips	32 spoke Radial Front, 32 spoke 3x Rear 254, 264/265 (D/ND)
Saddle	Bontrager Comp +10	
Seatpost	ICON 2, 2014 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts (1 on 13")	
Colors	Trek Red/Silver • Black decal	

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

24.5 lb.
11.12kg

	Frame sizes	13	16.5	18	19.5	21
	Handlebar width	620	620	620	620	620
	Stem length	90	105	120	120	135
	Crank length	170	175	175	175	175
	Seatpost length	250	350	350	350	350
	Steerer, mm	168	168	183	203	223
	Fork Length	415mm axle-crown race				
	Head angle	71.0	71.0	71.0	71.0	71.0
	Seat angle	74.0	73.5	73.0	73.0	72.5
MM	**Standover**	661	714	742	774	805
	Seat tube	330	419	457	495	533
	Head tube	90	90	105	125	145
	Eff top tube	536	566	584	596	610
	Reach	617	660	692	704	731
	Chainstays	424	424	424	424	424
	BB height	288	291	293	295	297
	Offset	42	42	42	42	42
	Trail	71	71	71	71	71
	Wheelbase	1015	1042	1057	1070	1080
IN	**Standover**	26.02	28.11	29.21	30.47	31.69
	Seat tube	12.99	16.50	17.99	19.49	20.98
	Head tube	3.54	3.54	4.13	4.92	5.71
	Eff top tube	21.10	22.28	22.99	23.46	24.02
	Reach	24.29	26.00	27.24	27.71	28.79
	Chainstays	16.69	16.69	16.69	16.69	16.69
	BB height	11.34	11.46	11.54	11.61	11.69
	Offset	1.65	1.65	1.65	1.65	1.65
	Trail	2.80	2.80	2.80	2.80	2.80
	Wheelbase	39.96	41.02	41.61	42.13	42.52

OUR PRICE: $

8000

Main tubes	Butted 6013 T6 aluminum	
Stays	6061 T6 aluminum	
Fork	RockShox Judy T2	63mm travel
Headset	Dia-Compe SA Aheadset, alloy	25.4/34.0/30.0, 27.0mm stack
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height
Bar ends	ICON Fatty	
Grips	Trek Dual Density	
Shifters	Shimano Deore LX RapidFire+	
Front derailleur	Shimano Deore LX Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano Deore XT SGS	
Brakes	Shimano M600 V	
Brake levers	Avid Speed Dial-1.9 L long pull	
Crankset	Shimano Deore LX 4 arm 42/32/22	Splined/104/64mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	ICON clipless	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-41	106 length, 3/32"
Front hub	Shimano Deore LX	
Front tire	Bontrager Revolt ST, folding	49/53
Rear hub	Shimano Deore LX	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Bontrager Revolt ST, folding	46/50
Tubes	Presta valve	
Front Rim	Bontrager Maverick	542 E.R.D., Velox 22mm rim strip
Rear Rim	Bontrager Maverick ASYM	541 E.R.D., Velox 22mm rim strip
Spokes	DT 14/15G butted stainless	32 spoke Radial Front, 32 spoke 3x Rear 253, 264/265 (D/ND)
Saddle	Bontrager Comp +10, Cro-Moly rails	
Seatpost	ICON 2, 2014 Al	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts (1 on 13")	
Colors	Metallic Blue/Black • Blue decal Team Yellow/Black • Blue decal	

	22	32	42
11	52	76	100
13	44	65	85
15	38	56	73
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

24.6 lb.
11.17kg

	Frame sizes	13	16.5	18	19.5	21
	Handlebar width	580	580	580	580	580
	Stem length	90	105	120	120	135
	Crank length	170	175	175	175	175
	Seatpost length	250	350	350	350	350
	Steerer, mm	168	168	183	203	223
	Fork Length	415mm axle-crown race				
	Head angle	71.0	71.0	71.0	71.0	71.0
	Seat angle	74.0	73.5	73.0	73.0	72.5
MM	**Standover**	661	714	742	774	805
	Seat tube	330	419	457	495	533
	Head tube	90	90	105	125	145
	Eff top tube	536	566	584	596	610
	Reach	617	660	692	704	731
	Chainstays	424	424	424	424	424
	BB height	288	291	293	295	297
	Offset	42	42	42	42	42
	Trail	71	71	71	71	71
	Wheelbase	1015	1042	1057	1070	1080
IN	**Standover**	26.02	28.11	29.21	30.47	31.69
	Seat tube	12.99	16.50	17.99	19.49	20.98
	Head tube	3.54	3.54	4.13	4.92	5.71
	Eff top tube	21.10	22.28	22.99	23.46	24.02
	Reach	24.29	26.00	27.24	27.71	28.79
	Chainstays	16.69	16.69	16.69	16.69	16.69
	BB height	11.34	11.46	11.54	11.61	11.69
	Offset	1.65	1.65	1.65	1.65	1.65
	Trail	2.80	2.80	2.80	2.80	2.80
	Wheelbase	39.96	41.02	41.61	42.13	42.52

7000

OUR PRICE: $

Main tubes	6013 T6 aluminum					
Stays	6061 T6 aluminum					
Fork	RockShox Indy XC	63mm travel				
Headset	Dia-Compe ST Aheadset	25.4/34.0/30.0, 25.0mm stack				
Handlebars	ICON 2014, 7° bend	25.4mm clamp diameter				
Stem	System 1 forged alloy direct connect	41.0mm steerer clamp height				
Bar ends	System 1					
Grips	Trek Dual Density					
Shifters	Shimano STX-RC RapidFire+					
Front derailleur	Shimano STX Top Swing	Top pull, 34.9mm/1 3/8"				
Rear derailleur	Shimano Deore XT SGS					
Brakes	Avid Single Digit 10 direct pull					
Brake levers	Avid AD-1.0 L long pull					
Crankset	Shimano STX-RC 4 arm 42/32/22	Splined/104/64mm bolt hole circle				
Bottom bracket	Shimano BB-UN52	73 x 113				
Pedals	ICON clipless	9/16" axle				
Cassette	Shimano HG60-I 11-30	8spd				
Chain	Sachs PC-21	106 length, 3/32"				
Front hub	Shimano STX-RC					
Front tire	IRC Mythos	26 x 2.1				
Rear hub	Shimano STX-RC	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.				
Rear tire	IRC Mythos	26 x 2.1				
Tubes	Presta valve					
Front Rim	Matrix Swami	546 E.R.D., Velox 19mm rim strip				
Rear Rim	Matrix Swami RDR	542 E.R.D., Velox 22mm rim strip				
Spokes	DT 14G stainless	32 spoke Radial Front, 32 spoke 3x Rear 256, 263/264 (D/ND)				
Saddle	Bontrager Comp +10					
Seatpost	SP-312 alloy micro-adjust	27.2mm diameter				
Seat binder	Alloy w/integral bolt	35.0 clamp diameter				
Additionals	2 water bottle mounts (1 on 13")					
Colors	Metallized Yellow/Black fork • Black decal Gloss Black/Black • Silver decal					

	22	32	42
11	52	76	100
13	44	65	85
13	44	65	85
17	34	49	65
20	29	42	55
23	25	36	48
26	22	32	42
30	19	28	37

25.75 lb.
11.69kg

Frame sizes		13	16.5	18	19.5	21
Handlebar width		580	580	580	580	580
Stem length		90	105	120	120	135
Crank length		170	175	175	175	175
Seatpost length		300	350	350	350	350
Steerer, mm		167	167	182	202	222
Fork Length		415mm axle-crown race				
Head angle		71.0	71.0	71.0	71.0	71.0
Seat angle		74.0	73.5	73.0	73.0	72.5
MM	**Standover**	661	714	742	774	805
	Seat tube	330	419	457	495	533
	Head tube	90	90	105	125	145
	Eff top tube	536	566	584	596	610
	Reach	611	653	683	695	722
	Chainstays	424	424	424	424	424
	BB height	288	291	293	295	297
	Offset	42	42	42	42	42
	Trail	71	71	71	71	71
	Wheelbase	1015	1042	1057	1070	1080
IN	**Standover**	26.02	28.11	29.21	30.47	31.69
	Seat tube	12.99	16.50	17.99	19.49	20.98
	Head tube	3.54	3.54	4.13	4.92	5.71
	Eff top tube	21.10	22.28	22.99	23.46	24.02
	Reach	24.04	25.71	26.91	27.38	28.42
	Chainstays	16.69	16.69	16.69	16.69	16.69
	BB height	11.34	11.46	11.54	11.61	11.69
	Offset	1.65	1.65	1.65	1.65	1.65
	Trail	2.80	2.80	2.80	2.80	2.80
	Wheelbase	39.96	41.02	41.61	42.13	42.52

6500

OUR PRICE: $

Main tubes	6013 T6 aluminum					
Stays	6061 T6 aluminum					
Fork	RockShox Indy C	63mm travel				
Headset	Dia-Compe ST Aheadset	25.4/34.0/30.0, 25.0mm stack				
Handlebars	System 1, 6° bend alloy	25.4mm clamp diameter				
Stem	System 1 forged alloy direct connect	41.0mm steerer clamp height				
Bar ends	-					
Grips	Trek Dual Density					
Shifters	Shimano STX-RC RapidFire+					
Front derailleur	Shimano Alivio Top Swing	Top pull, 34.9mm/1 3/8"				
Rear derailleur	Shimano Deore LX SGS					
Brakes	Dia-Compe 737 direct pull					
Brake levers	Dia-Compe DP7N direct pull					
Crankset	Sugino Impel 250 42/34/24	Riveted				
Bottom bracket	Shimano BB-LP27	73 x 113				
Pedals	Resin/alloy cage w/clips and straps	9/16" axle				
Cassette	SR PF35C 11-28	8spd				
Chain	Sachs PC-21	106 length, 3/32"				
Front hub	Shimano STX-RC					
Front tire	IRC Mythos	26 x 2.1				
Rear hub	Shimano STX-RC	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.				
Rear tire	IRC Mythos	26 x 2.1				
Tubes	Presta valve					
Front Rim	Matrix Swami	546 E.R.D., Velox 19mm rim strip				
Rear Rim	Matrix Swami RDR	542 E.R.D., Velox 22mm rim strip				
Spokes	DT 14G stainless	32 spoke Radial Front, 32 spoke 3x Rear 256, 263/264 (D/ND)				
Saddle	Bontrager Comp +10					
Seatpost	Alloy micro-adjust	27.2mm diameter				
Seat binder	Alloy w/integral bolt	35.0 clamp diameter				
Additionals	2 water bottle mounts (1 on 13")					
Colors	Ice Earth Green/Black • Silver decal Pearl Navy/Black • Silver decal					

	24	34	42
11	57	81	100
12	52	74	92
14	45	64	79
16	39	56	69
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

26.75 lb.
12.14kg

Frame sizes		13	16.5	18	19.5	21
Handlebar width		580	580	580	580	580
Stem length		90	105	120	120	135
Crank length		170	175	175	175	175
Seatpost length		300	350	350	350	350
Steerer, mm		167	167	182	202	222
Fork Length		415mm axle-crown race				
Head angle		71.0	71.0	71.0	71.0	71.0
Seat angle		74.0	73.5	73.0	73.0	72.5
MM	**Standover**	661	714	742	774	805
	Seat tube	330	419	457	495	533
	Head tube	90	90	105	125	145
	Eff top tube	536	566	584	596	610
	Reach	611	653	683	695	722
	Chainstays	424	424	424	424	424
	BB height	288	291	293	295	297
	Offset	42	42	42	42	42
	Trail	71	71	71	71	71
	Wheelbase	1015	1042	1057	1070	1080
IN	**Standover**	26.02	28.11	29.21	30.47	31.69
	Seat tube	12.99	16.50	17.99	19.49	20.98
	Head tube	3.54	3.54	4.13	4.92	5.71
	Eff top tube	21.10	22.28	22.99	23.46	24.02
	Reach	24.04	25.71	26.91	27.38	28.42
	Chainstays	16.69	16.69	16.69	16.69	16.69
	BB height	11.34	11.46	11.54	11.61	11.69
	Offset	1.65	1.65	1.65	1.65	1.65
	Trail	2.80	2.80	2.80	2.80	2.80
	Wheelbase	39.96	41.02	41.61	42.13	42.52

6000

OUR PRICE: $

Main tubes	7005 T6 TIG aluminum		
Stays	7005 T6 TIG aluminum		
Fork	RockShox Indy S	50mm travel	
Headset	Dia-Compe ST Aheadset	25.4/34.0/30.0, 25.0mm stack	
Handlebars	System 1, 6° bend alloy	25.4mm clamp diameter	
Stem	System 1 forged alloy direct connect	41.0mm steerer clamp height	
Bar ends	-		
Grips	Trek Comfort		
Shifters	Shimano STX RapidFire+		
Front derailleur	Shimano Alivio Top Swing	Top pull, 34.9mm/1 3/8"	
Rear derailleur	Shimano STX SGS		
Brakes	Lee Chi TX22 direct pull		
Brake levers	Lee Chi LV77E direct pull		
Crankset	Sugino Impel 250 42/34/24	Riveted	
Bottom bracket	Shimano BB-LP27	73 x 113	
Pedals	Platform w/clips and straps	9/16" axle	
Cassette	Shimano HG50C 11-28	7spd	
Chain	Sachs PC-21	106 length, 3/32"	
Front hub	System 1, suspension axle		
Front tire	IRC Mythos	26 x 2.1	
Rear hub	Shimano Alivio	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.	
Rear tire	IRC Mythos	26 x 2.1	
Tubes	Schraeder valve		
Front Rim	Weinmann 519 alloy	548 E.R.D., Velox 22mm rim strip	
Rear Rim	Weinmann 519 alloy	548 E.R.D., Velox 22mm rim strip	
Spokes	DT 14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 268, 266/267 (D/ND)	
Saddle	Trek Dual density, Trek logo		
Seatpost	Alloy micro-adjust	27.2mm diameter	
Seat binder	Alloy w/QR, 60mm	31.9 clamp diameter	
Additionals	2 water bottle mounts, rack mounts (1 bottle/no rack on 13")		
Colors	Ice Roja/Black • Silver decal		

	24	34	42
11	57	81	100
13	48	69	85
15	42	59	73
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

27.2 lb.
12.35kg

	Frame sizes	13	16.5	18	19.5	21	22.5
	Handlebar width	580	580	580	580	580	580
	Stem length	90	105	105	120	135	135
	Crank length	170	170	175	175	175	175
	Seatpost length	300	300	350	350	350	350
	Steerer, mm	167	167	182	202	222	262
	Fork Length	415mm axle-crown race					
	Head angle	70.5	71.0	71.0	71.0	71.0	71.0
	Seat angle	74.0	73.5	73.0	73.0	73.0	72.5
MM	**Standover**	650	712	741	772	802	839
	Seat tube	330	419	457	495	533	572
	Head tube	90	90	105	125	145	185
	Eff top tube	530	560	579	589	600	610
	Reach	604	647	666	688	712	722
	Chainstays	430	430	430	430	430	430
	BB height	288	295	298	298	298	300
	Offset	38	38	38	38	38	38
	Trail	79	75	75	75	75	75
	Wheelbase	1016	1039	1055	1066	1078	1084
IN	**Standover**	25.59	28.03	29.17	30.39	31.57	33.03
	Seat tube	12.99	16.50	17.99	19.49	20.98	22.52
	Head tube	3.54	3.54	4.13	4.92	5.71	7.28
	Eff top tube	20.87	22.05	22.80	23.19	23.62	24.02
	Reach	23.79	25.47	26.22	27.11	28.03	28.42
	Chainstays	16.93	16.93	16.93	16.93	16.93	16.93
	BB height	11.34	11.61	11.73	11.73	11.73	11.81
	Offset	1.50	1.50	1.50	1.50	1.50	1.50
	Trail	3.09	2.97	2.97	2.97	2.97	2.97
	Wheelbase	40.00	40.91	41.54	41.97	42.44	42.68

OUR PRICE: $

MILLENNIA HT

Main tubes	7005 T6 TIG aluminum		
Stays	7005 T6 TIG aluminum		
Fork	Cro-Moly		
Headset	VP H913W	25.4/34.0/30.0, 35.0mm stack	
Handlebars	System 1, 10° bend alloy, 65mm rise	25.4mm clamp diameter	
Stem	Girvin Flexstem	25.4mm insertion	
Bar ends	-		
Grips	Trek Comfort		
Shifters	GripShift SRT-4.0		
Front derailleur	Shimano Alivio Top Swing	Top pull, 34.9mm/1 3/8"	
Rear derailleur	Shimano STX SGS		
Brakes	Shimano Nexave V		
Brake levers	Shimano Nexave		
Crankset	Sugino Impel 250 42/34/24	Riveted	
Bottom bracket	Shimano BB-LP27	73 x 113	
Pedals	Platform	9/16" axle	
Cassette	Shimano HG50C 11-28	7spd	
Chain	Sachs PC-21	106 length, 3/32"	
Front hub	System 1, suspension axle		
Front tire	C1100 Smoothie	26 x 1.9	
Rear hub	Shimano Alivio	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.	
Rear tire	C1100 Smoothie	26 x 1.9	
Tubes	Schraeder valve		
Front Rim	Weinmann 519 alloy	548 E.R.D., Velox 22mm rim strip	
Rear Rim	Weinmann 519 alloy	548 E.R.D., Velox 22mm rim strip	
Spokes	DT 14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 268, 266/267 (D/ND)	
Saddle	Trek		
Seatpost	Polygon shock absorber	27.2mm diameter	
Seat binder	Alloy w/QR, 60mm	31.9 clamp diameter	
Additionals	2 water bottle mounts, kickstand, rack mounts (1 bottle/no rack on 13")		
Colors	Ice Earth Green/Ice Inkwell fade • Dark Silver decal		

	24	34	42
11	57	81	100
13	48	69	85
15	42	59	73
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

28.8 lb.
13.08kg

	Frame sizes	13	16.5	18	19.5	21	22.5	13L	17L
	Handlebar width	580	580	580	580	580	580	580	580
	Stem length	100	100	100	100	120	120	100	100
	Crank length	170	175	175	175	175	175	170	175
	Seatpost length	350	350	350	350	350	350	350	350
	Steerer, mm	127	127	142	162	182	222		
	Fork Length	415mm axle-crown race							
	Head angle	70.5	71.0	71.0	71.0	71.0	71.0	70.5	71.0
	Seat angle	74.0	73.5	73.0	73.0	73.0	72.5	74.0	73.5
MM	**Standover**	650	712	741	772	802	839	632	678
	Seat tube	330	419	457	495	533	572	330	419
	Head tube	90	90	105	125	145	185	105	125
	Eff top tube	530	560	579	589	600	610	529	558
	Reach	595	626	645	668	679	689	594	624
	Chainstays	430	430	430	430	430	430	430	430
	BB height	288	295	298	298	298	300	288	295
	Offset	38	38	38	38	38	38	38	38
	Trail	79	75	75	75	75	75	79	75
	Wheelbase	1016	1039	1055	1066	1078	1084	1016	1039
IN	**Standover**	25.59	28.03	29.17	30.39	31.57	33.03	24.88	26.69
	Seat tube	12.99	16.50	17.99	19.49	20.98	22.52	12.99	16.50
	Head tube	3.54	3.54	4.13	4.92	5.71	7.28	4.13	4.92
	Eff top tube	20.87	22.05	22.80	23.19	23.62	24.02	20.83	21.97
	Reach	23.42	24.63	25.38	26.29	26.72	27.12	23.38	24.55
	Chainstays	16.93	16.93	16.93	16.93	16.93	16.93	16.93	16.93
	BB height	11.34	11.61	11.73	11.73	11.73	11.81	11.34	11.61
	Offset	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	Trail	3.09	2.97	2.97	2.97	2.97	2.97	3.09	2.97
	Wheelbase	40.00	40.91	41.54	41.97	42.44	42.68	40.00	40.91

OUR PRICE: $

Main tubes	True Temper triple butted Cro-Moly	
Stays	Cro-Moly steel	
Fork	Manitou Spyder	70mm travel
Headset	Dia-Compe ST Aheadset	25.4/34.0/30.0, 25.0mm stack
Handlebars	System 1, 6° bend alloy	25.4mm clamp diameter
Stem	System 2 forged alloy direct connect	41.0mm steerer clamp height
Bar ends	System 1	
Grips	Trek Dual Density	
Shifters	Shimano STX-RC RapidFire+	
Front derailleur	Shimano STX Top Swing	Top pull, 31.8mm/1 1/4"
Rear derailleur	Shimano Deore XT SGS	
Brakes	Shimano M600 V	
Brake levers	Avid Speed Dial-1.9 L long pull	
Crankset	Sugino Impel 300 42/32/20	58/94mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	Alloy/alloy cage w/clips and straps	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-41	106 length, 3/32"
Front hub	System 1, suspension axle	
Front tire	IRC Mythos	26 x 2.1
Rear hub	Shimano STX-RC	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	IRC Mythos	26 x 2.1
Tubes	Presta valve	
Front Rim	Matrix Guru, eyeletted	546 E.R.D., Cloth rim strip
Rear Rim	Matrix Guru RDR, eyeletted	542 E.R.D., Cloth rim strip
Spokes	DT 14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 268, 263/264 (D/ND)
Saddle	Velo Crossbow, Women's on 13	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Quick release, 47mm	
Additionals	2 water bottle mounts, rack mounts (1 bottle, no rack on 13")	
Colors	Ice RC Blue/Silver • Black decal	

	20	32	42
11	48	76	100
13	40	65	85
15	35	56	73
17	31	49	65
20	26	42	55
23	23	36	48
26	20	32	42
30	17	28	37

27.1 lb.
12.30kg

Frame sizes	13	16.5	18	19.5	21	22.5
Handlebar width	580	580	580	580	580	580
Stem length	90	105	105	120	120	135
Crank length	170	170	175	175	175	175
Seatpost length	300	300	350	350	350	350
Steerer, mm	167	167	167	182	222	257
Fork Length	415mm axle-crown race					
Head angle	70.5	71.0	71.0	71.0	71.0	71.0
Seat angle	74.0	73.5	73.0	73.0	73.0	72.5
MM Standover	647	709	735	764	801	838
Seat tube	330	419	457	495	533	572
Head tube	90	90	90	105	145	185
Eff top tube	530	560	580	590	600	610
Reach	612	652	672	695	705	728
Chainstays	430	430	430	430	430	430
BB height	288	295	298	298	298	300
Offset	38	38	38	38	38	38
Trail	79	75	75	75	75	75
Wheelbase	1016	1039	1056	1066	1078	1084
IN Standover	25.47	27.91	28.94	30.08	31.54	32.99
Seat tube	12.99	16.50	17.99	19.49	20.98	22.52
Head tube	3.54	3.54	3.54	4.13	5.71	7.28
Eff top tube	20.87	22.05	22.83	23.23	23.62	24.02
Reach	24.09	25.66	26.45	27.36	27.75	28.66
Chainstays	16.93	16.93	16.93	16.93	16.93	16.93
BB height	11.34	11.61	11.73	11.73	11.73	11.81
Offset	1.50	1.50	1.50	1.50	1.50	1.50
Trail	3.09	2.97	2.97	2.97	2.97	2.97
Wheelbase	40.00	40.91	41.57	41.97	42.44	42.68

OUR PRICE: $

Main tubes	True Temper triple butted Cro-Moly	
Stays	Cro-Moly steel	
Fork	RockShox Indy S	50mm travel
Headset	Dia-Compe ST Aheadset	25.4/34.0/30.0, 25.0mm stack
Handlebars	System 1, 6° bend alloy	25.4mm clamp diameter
Stem	System 1 forged alloy direct connect	41.0mm steerer clamp height
Bar ends	-	
Grips	Trek Dual Density	
Shifters	GripShift ESP-700	
Front derailleur	Shimano Alivio Top Swing	Top pull, 31.8mm/1 1/4"
Rear derailleur	GripShift ESP 7.0	
Brakes	Lee Chi TX22 direct pull	
Brake levers	Lee Chi LV77E direct pull	
Crankset	Sugino Impel 250 42/34/24	Riveted
Bottom bracket	Shimano BB-LP27	73 x 113
Pedals	Alloy/alloy cage w/clips and straps	9/16" axle
Cassette	SR PF35C 11-28	8spd
Chain	Sachs PC-21	106 length, 3/32"
Front hub	System 1, suspension axle	
Front tire	IRC Mythos	26 x 2.1
Rear hub	Quick release cassette	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	IRC Mythos	26 x 2.1
Tubes	Presta valve	
Front Rim	Matrix Guru	546 E.R.D., Cloth rim strip
Rear Rim	Matrix Guru RDR	542 E.R.D., Cloth rim strip
Spokes	14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 268, 263/264 (D/ND)
Saddle	Velo Crossbow, Women's on 13	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Quick release, 47mm	
Additionals	2 water bottle mounts, rack mounts (1 bottle, no rack on 13")	
Colors	Metallized Green/Black • Red decal Black/Black • Red decal	

	24	34	42
11	57	81	100
12	52	74	92
14	45	64	79
16	39	56	69
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

27.7 lb.
12.58kg

Frame sizes	13	16.5	18	19.5	21	22.5
Handlebar width	580	580	580	580	580	580
Stem length	90	105	105	120	120	135
Crank length	170	170	175	175	175	175
Seatpost length	300	300	350	350	350	350
Steerer, mm	167	167	167	182	222	257
Fork Length	415mm axle-crown race					
Head angle	70.5	71.0	71.0	71.0	71.0	71.0
Seat angle	74.0	73.5	73.0	73.0	73.0	72.5
MM Standover	647	709	735	764	801	838
Seat tube	330	419	457	495	533	572
Head tube	90	90	90	105	145	185
Eff top tube	530	560	580	590	600	610
Reach	604	647	667	689	699	722
Chainstays	430	430	430	430	430	430
BB height	288	295	298	298	298	300
Offset	38	38	38	38	38	38
Trail	79	75	75	75	75	75
Wheelbase	1016	1039	1056	1066	1078	1084
IN Standover	25.47	27.91	28.94	30.08	31.54	32.99
Seat tube	12.99	16.50	17.99	19.49	20.98	22.52
Head tube	3.54	3.54	3.54	4.13	5.71	7.28
Eff top tube	20.87	22.05	22.83	23.23	23.62	24.02
Reach	23.79	25.47	26.26	27.15	27.54	28.42
Chainstays	16.93	16.93	16.93	16.93	16.93	16.93
BB height	11.34	11.61	11.73	11.73	11.73	11.81
Offset	1.50	1.50	1.50	1.50	1.50	1.50
Trail	3.09	2.97	2.97	2.97	2.97	2.97
Wheelbase	40.00	40.91	41.57	41.97	42.44	42.68

OUR PRICE: $

Main tubes	True Temper triple butted Cro-Moly							
Stays	Cro-Moly steel							
Fork	Cro-Moly, taper gauge							
Headset	VP H97W, sealed	25.4/34.0/30.0, 35.0mm stack						
Handlebars	System 1, 6° bend alloy	25.4mm clamp diameter						
Stem	ATB, removable front	25.4mm insertion						
Bar ends	-							
Grips	Trek Dual Density							
Shifters	GripShift SRT-6.0							
Front derailleur	Shimano Acera-X	Top pull, 31.8mm/1 1/4"						
Rear derailleur	Shimano STX-RC SGS							
Brakes	Lee Chi TX22 direct pull							
Brake levers	Lee Chi LV77E direct pull							
Crankset	Sugino Impel 250 42/34/24	Riveted						
Bottom bracket	Shimano BB-LP27	73 x 113						
Pedals	Resin w/clips and straps	9/16" axle						
Cassette	SR PF35C 11-28	8spd						
Chain	Sachs PC-21	106 length, 3/32"						
Front hub	System 1, suspension axle							
Front tire	IRC Mythos	26 x 2.1						
Rear hub	Quick release cassette	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.						
Rear tire	IRC Mythos	26 x 2.1						
Tubes	Presta valve							
Front Rim	Matrix Guru	546 E.R.D., Cloth rim strip						
Rear Rim	Matrix Guru RDR	542 E.R.D., Cloth rim strip						
Spokes	14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 268, 263/264 (D/ND)						
Saddle	Velo Crossbow, Women's on 13							
Seatpost	Alloy micro-adjust	27.2mm diameter						
Seat binder	Quick release, 47mm							
Additionals	2 water bottle mounts, rack mounts (1 bottle, no rack on 13")							
Colors	Ice Inkwell • Silver decal Bright Silver • Mango decal							

	24	34	42
11	57	81	100
12	52	74	92
14	45	64	79
16	39	56	69
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

27.9 lb.
12.67kg

Frame sizes		13	16.5	18	19.5	21	22.5	24
Handlebar width		580	580	580	580	580	580	580
Stem length		90	105	105	120	120	135	135
Crank length		170	170	175	175	175	175	175
Seatpost length		300	300	350	350	350	350	350
Steerer, mm		128	128	128	143	183	223	263
Fork Length		415mm axle-crown race						
Head angle		70.5	71.0	71.0	71.0	71.0	71.0	71.0
Seat angle		74.0	73.5	73.0	73.0	73.0	72.5	72.5
MM	**Standover**	647	709	735	764	801	838	875
	Seat tube	330	419	457	495	533	572	609
	Head tube	90	90	90	105	145	185	225
	Eff top tube	530	560	580	590	600	610	620
	Reach	595	637	657	678	688	709	719
	Chainstays	430	430	430	430	430	430	430
	BB height	288	295	298	298	298	300	300
	Offset	38	38	38	38	38	38	38
	Trail	79	75	75	75	75	75	75
	Wheelbase	1016	1039	1056	1066	1078	1084	1095
IN	**Standover**	25.47	27.91	28.94	30.08	31.54	32.99	34.45
	Seat tube	12.99	16.50	17.99	19.49	20.98	22.52	23.98
	Head tube	3.54	3.54	3.54	4.13	5.71	7.28	8.86
	Eff top tube	20.87	22.05	22.83	23.23	23.62	24.02	24.41
	Reach	23.44	25.07	25.86	26.68	27.08	27.90	28.30
	Chainstays	16.93	16.93	16.93	16.93	16.93	16.93	16.93
	BB height	11.34	11.61	11.73	11.73	11.73	11.81	11.81
	Offset	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	Trail	3.09	2.97	2.97	2.97	2.97	2.97	2.97
	Wheelbase	40.00	40.91	41.57	41.97	42.44	42.68	43.11

Main tubes	Cro-Moly steel		
Stays	High tensile steel		
Fork	Cro-Moly		
Headset	VP H97W, sealed	25.4/34.0/30.0, 35.0mm stack	
Handlebars	Steel, 60mm rise	25.4mm clamp diameter	
Stem	Girvin suspension stem	25.4mm insertion	
Bar ends	-		
Grips	Trek Comfort		
Shifters	GripShift MRX-170		
Front derailleur	Shimano Altus CT92E	Down pull, Plate style, 31.8	
Rear derailleur	Shimano Alivio		
Brakes	Lee Chi TX22 direct pull		
Brake levers	Lee Chi LV77E direct pull		
Crankset	Shimano Altus CT92 42/34/24 w/chainguard, Riveted		
Bottom bracket	Shimano BB-CT91E	68 x 118	
Pedals	Resin	9/16" axle	
Cassette	Shimano HG50C 11-28	7spd	
Chain	Sachs PC-10	106 length, 3/32"	
Front hub	Forged alloy suspension		
Front tire	Smooth	26 x 1.9	
Rear hub	Shimano Altus	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.	
Rear tire	Smooth	26 x 1.9	
Tubes	Schraeder valve		
Front Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip	
Rear Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip	
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 265, 263/264 (D/ND)	
Saddle	Spring		
Seatpost	SP57 shock absorber	27.2mm diameter	
Seat binder	Quick release, 47mm		
Additionals	2 water bottle mounts, kickstand, rack mounts (1 bottle, no rack on 13")		
Colors	Ice Green • Silver decal		

	24	34	42
11	57	81	100
13	48	69	85
15	42	59	73
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

29.3 lb.
13.30kg

Frame sizes		13	16.5	18	19.5	21	22.5	24	13W	17W	20W
Handlebar width		580	580	580	610	610	610	610	580	580	610
Stem length		100	100	100	100	100	120	120	100	100	100
Crank length		170	170	170	170	170	170	170	170	170	170
Seatpost length		300	300	350	350	350	350	350	350	350	350
Steerer, mm		127	127	127	142	182	222	262	127	142	182
Fork Length		385mm axle-crown race									
Head angle		70.0	70.5	70.5	70.5	71.0	71.0	71.0	70.0	70.5	70.5
Seat angle		74.0	73.5	73.0	73.0	72.5	72.0	72.0	74.0	73.5	73.0
MM	**Standover**	638	698	722	752	789	826	862	580	584	593
	Seat tube	330	419	457	495	533	572	610	330	432	508
	Head tube	90	90	90	105	145	185	225	90	103	143
	Eff top tube	528	545	555	565	575	585	595	528	542	550
	Reach	592	610	620	630	641	664	674	592	607	615
	Chainstays	435	435	435	435	435	435	435	435	435	435
	BB height	288	291	291	293	293	295	295	288	283	283
	Offset	38	38	38	38	38	38	38	38	38	38
	Trail	82	79	79	79	75	75	75	82	79	79
	Wheelbase	1021	1030	1036	1047	1050	1056	1067	1023	1025	1030
IN	**Standover**	25.12	27.48	28.43	29.61	31.06	32.52	33.94	20.79	22.99	23.35
	Seat tube	12.99	16.50	17.99	19.49	20.98	22.52	24.02	12.99	17.01	20.00
	Head tube	3.54	3.54	3.54	4.13	5.71	7.28	8.86	3.54	4.06	5.63
	Eff top tube	20.79	21.46	21.85	22.24	22.64	23.03	23.43	20.79	21.34	21.65
	Reach	23.32	24.01	24.41	24.80	25.22	26.13	26.52	23.32	23.90	24.21
	Chainstays	17.13	17.13	17.13	17.13	17.13	17.13	17.13	17.13	17.13	17.13
	BB height	11.34	11.46	11.46	11.54	11.54	11.61	11.61	11.34	11.14	11.14
	Offset	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	Trail	3.22	3.09	3.09	3.09	2.97	2.97	2.97	3.22	3.09	3.09
	Wheelbase	40.20	40.55	40.79	41.22	41.34	41.57	42.01	40.28	40.35	40.55

820 SHX

OUR PRICE: $

Main tubes	Cro-Moly steel	
Stays	High tensile steel	
Fork	RockShox Indy S	50mm travel
Headset	VP H97W, sealed	25.4/34.0/30.0, 35.0mm stack
Handlebars	System 1, 6° bend alloy	25.4mm clamp diameter
Stem	ATB	25.4mm insertion
Bar ends	-	
Grips	Trek Comfort	
Shifters	GripShift MRX-170	
Front derailleur	Shimano Altus CT92	Down pull, Plate style, 31.8
Rear derailleur	Shimano Alivio	
Brakes	Lee Chi TX22 direct pull	
Brake levers	Lee Chi LV77E direct pull	
Crankset	Shimano Altus CT92 42/34/24	Riveted
Bottom bracket	Shimano BB-CT91E	68 x 116
Pedals	Resin	9/16" axle
Cassette	Shimano HG50C 11-28	7spd
Chain	Sachs PC-10	106 length, 3/32"
Front hub	Forged alloy suspension	
Front tire	Trek Kahuna	26 x 1.95
Rear hub	Shimano Altus	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.
Rear tire	Trek Kahuna	26 x 1.95
Tubes	Schraeder valve	
Front Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip
Rear Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 264, 262/263 (D/ND)
Saddle	Dual Density, Women's on 13	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Quick release, 47mm	
Additionals	2 water bottle mounts, rack mounts (1 bottle, no rack on 13")	
Colors	Ice Red/Ice Orange fade • Black decal	

	24	34	42
11	57	81	100
13	48	69	85
15	42	59	73
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

27.8 lb.
12.62kg

Frame sizes	13	16.5	18	19.5	21	22.5	24
Handlebar width	580	580	580	580	580	580	580
Stem length	90	105	105	120	120	135	135
Crank length	170	170	170	170	170	170	170
Seatpost length	300	300	350	350	350	350	350
Steerer, mm	127	127	127	142	182	222	262
Fork Length	385mm axle-crown race						
Head angle	70.0	70.5	70.5	70.5	71.0	71.0	71.0
Seat angle	74.0	73.5	73.0	73.0	72.5	72.0	72.0
MM Standover	638	698	722	752	789	826	862
Seat tube	330	419	457	495	533	572	610
Head tube	90	90	90	105	145	185	225
Eff top tube	528	545	555	565	575	585	595
Reach	559	582	592	607	618	633	643
Chainstays	435	435	435	435	435	435	435
BB height	288	291	291	293	293	295	295
Offset	38	38	38	38	38	38	38
Trail	82	79	79	79	75	75	75
Wheelbase	1021	1030	1036	1047	1050	1056	1067
IN Standover	25.12	27.48	28.43	29.61	31.06	32.52	33.94
Seat tube	12.99	16.50	17.99	19.49	20.98	22.52	24.02
Head tube	3.54	3.54	3.54	4.13	5.71	7.28	8.86
Eff top tube	20.79	21.46	21.85	22.24	22.64	23.03	23.43
Reach	22.00	22.90	23.30	23.90	24.33	24.94	25.33
Chainstays	17.13	17.13	17.13	17.13	17.13	17.13	17.13
BB height	11.34	11.46	11.46	11.54	11.54	11.61	11.61
Offset	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Trail	3.22	3.09	3.09	3.09	2.97	2.97	2.97
Wheelbase	40.20	40.55	40.79	41.22	41.34	41.57	42.01

OUR PRICE: $

820

Main tubes	Cro-Moly steel	
Stays	High tensile steel	
Fork	Cro-Moly	
Headset	VP H97W, sealed	25.4/34.0/30.0, 35.0mm stack
Handlebars	System 1, 6° bend alloy	25.4mm clamp diameter
Stem	ATB, 50° rise	25.4mm insertion
Bar ends	-	
Grips	Trek Comfort	
Shifters	GripShift MRX-170	
Front derailleur	Shimano Altus CT92	Down pull, Plate style, 31.8
Rear derailleur	Shimano Alivio	
Brakes	Lee Chi TX22 direct pull	
Brake levers	Lee Chi LV77E direct pull	
Crankset	Shimano Altus CT92 42/34/24	Riveted
Bottom bracket	Shimano BB-CT91E	68 x 116
Pedals	Resin	9/16" axle
Cassette	Shimano HG50C 11-28	7spd
Chain	Sachs PC-10	106 length, 3/32"
Front hub	Forged alloy suspension	
Front tire	Trek Connection	26 x 1.95
Rear hub	Shimano Altus	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.
Rear tire	Trek Connection	26 x 1.95
Tubes	Schraeder valve	
Front Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip
Rear Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 264, 262/263 (D/ND)
Saddle	Dual Density, Women's on 13, 17W, 20W	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Quick release, 47mm	
Additionals	2 water bottle mounts, rack mounts (1 bottle on 13, 17W, 20W, no rack on 13")	
Colors	Ice Red/Ice Orange fade • Black decal	

	24	34	42
11	57	81	100
13	48	69	85
15	42	59	73
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

27.8 lb.
12.62kg

Frame sizes	13	16.5	18	19.5	21	22.5	24	17W	20W
Handlebar width	580	580	580	580	580	580	580	580	610
Stem length	90	90	110	110	130	130	130	110	110
Crank length	170	170	170	170	170	170	170	170	170
Seatpost length	300	300	350	350	350	350	350	350	350
Steerer, mm	127	127	127	142	182	222	262	142	182
Fork Length	385mm axle-crown race								
Head angle	70.0	70.5	70.5	70.5	71.0	71.0	71.0	70.5	70.5
Seat angle	74.0	73.5	73.0	73.0	72.5	72.0	72.0	73.5	73.0
MM Standover	638	698	722	752	789	826	862	584	593
Seat tube	330	419	457	495	533	572	610	432	508
Head tube	90	90	90	105	145	185	225	103	143
Eff top tube	528	545	555	565	575	585	595	542	550
Reach	559	577	594	604	622	632	642	581	589
Chainstays	435	435	435	435	435	435	435	435	435
BB height	288	291	291	293	293	295	295	283	283
Offset	38	38	38	38	38	38	38	38	38
Trail	82	79	79	79	75	75	75	79	79
Wheelbase	1021	1030	1036	1047	1050	1056	1067	1025	1030
IN Standover	25.12	27.48	28.43	29.61	31.06	32.52	33.94	22.99	23.35
Seat tube	12.99	16.50	17.99	19.49	20.98	22.52	24.02	17.01	20.00
Head tube	3.54	3.54	3.54	4.13	5.71	7.28	8.86	4.06	5.63
Eff top tube	20.79	21.46	21.85	22.24	22.64	23.03	23.43	21.34	21.65
Reach	22.00	22.70	23.37	23.76	24.47	24.87	25.26	22.86	23.17
Chainstays	17.13	17.13	17.13	17.13	17.13	17.13	17.13	17.13	17.13
BB height	11.34	11.46	11.46	11.54	11.54	11.61	11.61	11.14	11.14
Offset	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Trail	3.22	3.09	3.09	3.09	2.97	2.97	2.97	3.09	3.09
Wheelbase	40.20	40.55	40.79	41.22	41.34	41.57	42.01	40.35	40.55

800

OUR PRICE: $

Main tubes	Hi Tensile steel w/Cro-Moly seat tube	
Stays	High tensile steel	
Fork	High tensile steel	
Headset	VP H97W, sealed	25.4/34.0/30.0, 35.0mm stack
Handlebars	Steel, 5° bend, Women's 60mm rise	25.4mm clamp diameter
Stem	ATB	25.4mm insertion
Bar ends	-	
Grips	Trek Comfort	
Shifters	Shimano EZ Fire+ EF28	
Front derailleur	Shimano Altus CT92	Down pull, Plate style, 31.8
Rear derailleur	Shimano Acera-X	
Brakes	Lee Chi TX33 direct pull	
Brake levers	combi brake/shift	
Crankset	Shimano Altus CT92 42/34/24	Riveted
Bottom bracket	Shimano BB-CT91E	68 x 118
Pedals	Resin	9/16" axle
Cassette	Shimano HG50C 11-28	7spd
Chain	Sachs PC-10	106 length, 3/32"
Front hub	Forged alloy suspension	
Front tire	Trek Connection	26 x 1.95
Rear hub	Shimano Altus	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.
Rear tire	Trek Connection	26 x 1.95
Tubes	Schraeder valve	
Front Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip
Rear Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 265, 264/265 (D/ND)
Saddle	Dual Density, Women's Dual Density w/springs on 17W, 20W	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Quick release, 47mm	
Additionals	2 water bottle mounts (1 bottle on 13, 17W, 20W), rack mounts (no rack on 13")	
Colors	Mediterranean Blue/Ice Inkwell fade • White decal	
	Bright Silver • Red decal	

	24	34	42
11	57	81	100
13	48	69	85
15	42	59	73
18	35	50	61
21	30	42	52
24	26	37	46
28	22	32	39

28.1 lb.
12.76kg

Frame sizes	13	16.5	18	19.5	21	22.5	17W	20W
Handlebar width	580	580	580	580	580	580	580	610
Stem length	90	90	110	110	130	130	110	110
Crank length	170	170	170	170	170	170	170	170
Seatpost length	300	300	350	350	350	350	350	350
Steerer, mm	130	130	130	145	185	225	144	184
Fork Length	385mm axle-crown race							
Head angle	70.0	70.5	70.5	70.5	71.0	71.0	70.5	70.5
Seat angle	74.0	73.5	73.0	73.0	72.5	72.0	73.5	73.0
MM Standover	638	698	722	752	789	826	584	593
Seat tube	330	419	457	495	533	572	432	508
Head tube	90	90	90	105	145	185	103	143
Eff top tube	528	545	555	565	575	585	542	550
Reach	559	577	594	604	622	632	581	589
Chainstays	435	435	435	435	435	435	435	435
BB height	288	291	291	293	293	295	283	283
Offset	38	38	38	38	38	38	38	38
Trail	82	79	79	79	75	75	79	79
Wheelbase	1021	1030	1036	1047	1050	1056	1025	1030
IN Standover	25.12	27.48	28.43	29.61	31.06	32.52	22.99	23.35
Seat tube	12.99	16.50	17.99	19.49	20.98	22.52	17.01	20.00
Head tube	3.54	3.54	3.54	4.13	5.71	7.28	4.06	5.63
Eff top tube	20.79	21.46	21.85	22.24	22.64	23.03	21.34	21.65
Reach	22.00	22.70	23.37	23.76	24.47	24.87	22.86	23.17
Chainstays	17.13	17.13	17.13	17.13	17.13	17.13	17.13	17.13
BB height	11.34	11.46	11.46	11.54	11.54	11.61	11.14	11.14
Offset	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Trail	3.22	3.09	3.09	3.09	2.97	2.97	3.09	3.09
Wheelbase	40.20	40.55	40.79	41.22	41.34	41.57	40.35	40.55

OUR PRICE: $

800 SPORT

Main tubes	Tensile steel w/Cro-Moly seat tube	
Stays	High tensile steel	
Fork	High tensile steel	
Headset	VP H97W, sealed	25.4/34.0/30.0, 35.0mm stack
Handlebars	Steel, 60mm rise	25.4mm clamp diameter
Stem	ATB	25.4mm insertion
Bar ends	-	
Grips	Trek Comfort	
Shifters	GripShift MRX-170	
Front derailleur	Shimano Tourney TY32	Down pull, Plate style, 31.8
Rear derailleur	Shimano Tourney TY30	
Brakes	Lee Chi TX33 direct pull	
Brake levers	Lee Chi LV77E direct pull	
Crankset	Shimano Tourney TY30 48/38/28 w/chainguard, Riveted	
Bottom bracket	VP-BC55P semi-cartridge	68 x 118
Pedals	Resin	9/16" axle
Freewheel	Shimano HG37 14-28	7spd
Chain	UG50	110 length, 3/32"
Front hub	Alloy	
Front tire	Knobby	26 x 2.0
Rear hub	Quick release threaded	Threaded, 7 speed, QR front & rear, 135mm O.L.D.
Rear tire	Knobby	26 x 2.0
Tubes	Schraeder valve	
Front Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip
Rear Rim	Weinmann 519 alloy	548 E.R.D., Rubber rim strip
Spokes	14G UCP	36 spoke 3x Front, 36 spoke 3x Rear 265, 262/264 (D/ND)
Saddle	Dual Density (Women's Padded on 13, 17W, 20W)	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Quick release, 47mm	
Additionals	2 water bottle mounts (1 bottle on 13, 17W, 20W), rack mounts (no rack on 13")	
Colors	Gloss Black • Red decal	
	Mellow Gold • Red decal	
	Violet Pearl • Titanium decal	

	28	38	48
14	52	71	90
16	46	62	79
18	41	55	70
20	37	50	63
22	33	45	57
24	31	42	52
28	26	36	45

28.7 lb.
13.03kg

Frame sizes	13	16.5	18	19.5	21	22.5	17W	20W
Handlebar width	580	580	610	610	610	610	580	610
Stem length	90	90	110	110	130	130	110	110
Crank length	170	170	170	170	170	170	170	170
Seatpost length	300	300	350	350	350	350	350	350
Steerer, mm	130	130	130	145	185	225	144	184
Fork Length	385mm axle-crown race							
Head angle	70.0	70.5	70.5	70.5	71.0	71.0	70.5	70.5
Seat angle	74.0	73.5	73.0	73.0	72.5	72.0	73.5	73.0
MM Standover	638	698	722	752	789	826	584	593
Seat tube	330	419	457	495	533	572	432	508
Head tube	90	90	90	105	145	185	103	143
Eff top tube	528	545	555	565	575	585	542	550
Reach	559	577	594	604	622	632	581	589
Chainstays	435	435	435	435	435	435	435	435
BB height	288	291	291	293	293	295	283	283
Offset	38	38	38	38	38	38	38	38
Trail	82	79	79	79	75	75	79	79
Wheelbase	1021	1030	1036	1047	1050	1056	1025	1030
IN Standover	25.12	27.48	28.43	29.61	31.06	32.52	22.99	23.35
Seat tube	12.99	16.50	17.99	19.49	20.98	22.52	17.01	20.00
Head tube	3.54	3.54	3.54	4.13	5.71	7.28	4.06	5.63
Eff top tube	20.79	21.46	21.85	22.24	22.64	23.03	21.34	21.65
Reach	22.00	22.70	23.37	23.76	24.47	24.87	22.86	23.17
Chainstays	17.13	17.13	17.13	17.13	17.13	17.13	17.13	17.13
BB height	11.34	11.46	11.46	11.54	11.54	11.61	11.14	11.14
Offset	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Trail	3.22	3.09	3.09	3.09	2.97	2.97	3.09	3.09
Wheelbase	40.20	40.55	40.79	41.22	41.34	41.57	40.35	40.55

HYBRIDS

Seatposts

With aluminum and steel hybrids, lubricate the seatpost before insertion. Apply a thin layer of grease to the section of the seatpost that will be inserted into the frame. Insert the seatpost into the frame, adjust to the proper height, and engage the binder lever or bolt. Never engage the seatpost binder lever with the seatpost out of the frame.

Trek aluminum and steel hybrids are designed to accept 27.2mm seat posts with a tolerance of 27.10 to 27.20mm outer diameter. Measure the seatpost for conformity to this tolerance prior to installation.

For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 Nm).

Special Torque Specs

Rear derailleur hanger	30-40 lb•in (35-45 Nm)

Bottom bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads, especially when inserting into an aluminum bottom bracket shell.

OUR PRICE: $

UAV

Main tubes	7005 T6 TIG aluminum	
Stays	7005 T6 TIG aluminum	
Fork	Manitou suspension	48mm travel
Headset	Dia-Compe SA Aheadset, alloy	25.4/34.0/30.0, 27.0mm stack
Handlebars	ICON Downhill w/crossbar, 7° bend, 50mm rise, 25.4mm clamp diameter	
Stem	ICON forged alloy direct connect	39.5mm steerer clamp height
Grips	Trek Comfort	
Shifters	GripShift ESP-700	
Front derailleur	Shimano Nexave Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	GripShift ESP 9.0	
Brakes	Shimano M600 V	
Brake levers	Avid Speed Dial-1.9 L long pull	
Crankset	Shimano Nexave 48/38/28	79mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	Shimano SPD M323 clipless	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-51	108 length, 3/32"
Front hub	Shimano Alivio	
Front tire	Tioga City Slicker II	700 x 38c
Rear hub	Shimano STX-RC	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Tioga City Slicker II	700 x 38c
Tubes	Presta valve	
Front Rim	Matrix Vapor, eyeletted	610 E.R.D., Velox 19mm rim strip
Rear Rim	Matrix Vapor, eyeletted	610 E.R.D., Velox 19mm rim strip
Spokes	14G stainless, alloy nipples	32 spoke 3x Front, 32 spoke 3x Rear 300, 298/299 (D/ND)
Saddle	Selle Bassano Vuelta, 531 rails/leather cover	
Seatpost	Polygon PM900 shock absorber	27.2mm diameter
Seat binder	Alloy w/integral bolt	31.9 clamp diameter
Additionals	2 water bottle mounts, rack mounts	
Colors	Gloss Black/Black • Red decal	

	28	38	48
11	69	94	119
13	59	80	101
15	51	69	87
17	45	61	77
20	38	52	65
23	33	45	57
26	29	40	50
30	25	35	44

24.9 lb.
11.30kg

Frame sizes	15	17.5	20.5	23	25
Handlebar width	620	620	620	620	620
Stem length	90	90	105	120	135
Crank length	170	170	175	175	175
Seatpost length	350	350	350	350	350
Steerer, mm	171	171	186	206	226
Fork Length	428mm axle-crown race				
Head angle	70.0	70.5	70.5	71.5	71.5
Seat angle	74.0	74.0	73.0	73.0	72.5
MM Standover	690	732	774	822	869
Seat tube	381	445	508	572	635
Head tube	90	90	105	125	145
Eff top tube	545	550	564	582	592
Reach	625	631	658	690	714
Chainstays	445	445	445	445	445
BB height	281	281	281	281	281
Offset	38	38	38	38	38
Trail	86	83	83	77	77
Wheelbase	1043	1044	1049	1057	1062
IN Standover	27.17	28.82	30.47	32.36	34.21
Seat tube	15.00	17.52	20.00	22.52	25.00
Head tube	3.54	3.54	4.13	4.92	5.71
Eff top tube	21.46	21.65	22.20	22.91	23.31
Reach	24.61	24.82	25.90	27.18	28.10
Chainstays	17.52	17.52	17.52	17.52	17.52
BB height	11.06	11.06	11.06	11.06	11.06
Offset	1.50	1.50	1.50	1.50	1.50
Trail	3.40	3.28	3.28	3.02	3.02
Wheelbase	41.06	41.10	41.30	41.61	41.81

7600

OUR PRICE: $

Main tubes	7005 T6 TIG aluminum	
Stays	7005 T6 TIG aluminum	
Fork	Cro-Moly	
Headset	Tange Seiki Passage OV	25.4/34.0/30.0, 32.0mm stack
Handlebars	System 1, 10° bend alloy, 30mm rise	25.4mm clamp diameter
Stem	Alloy adjustable rise	25.4mm insertion
Grips	Trek Comfort	
Shifters	GripShift SRT-6.0	
Front derailleur	Shimano STX-RC Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano Deore LX SGS	
Brakes	Shimano M600 V	
Brake levers	Avid AD-1.0 L long pull	
Crankset	Shimano Deore LX 4 arm 42/32/22	Splined/104/64mm bolt hole circle
Bottom bracket	Shimano BB-UN52	73 x 113
Pedals	Resin/alloy cage w/clips and straps	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-41	108 length, 3/32"
Front hub	Shimano Alivio	
Front tire	Trek Invert II, 60TPI	700 x 38c
Rear hub	Shimano STX-RC	HyperGlide Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Trek Invert II, 60TPI	700 x 38c
Tubes	Presta valve	
Front Rim	Matrix Vapor, eyeletted	610 E.R.D., Velox 19mm rim strip
Rear Rim	Matrix Vapor, eyeletted	610 E.R.D., Velox 19mm rim strip
Spokes	14G stainless, alloy nipples	32 spoke 3x Front, 32 spoke 3x Rear 300, 298/299 (D/ND)
Saddle	Selle Bassano Hybrid, Cro-Moly/leather	
Seatpost	Polygon PM900 shock absorber	27.2mm diameter
Seat binder	Alloy w/integral bolt	31.9 clamp diameter
Additionals	2 water bottle mounts, rack mounts	
Colors	Titanium • Metallic Teal decal	

	22	32	42
11	54	79	104
13	46	67	88
15	40	58	76
17	35	51	67
20	30	44	57
23	26	38	50
26	23	34	44
30	20	29	38

24.1 lb.
10.94kg

Frame sizes	15	17.5	20.5	23	25
Handlebar width	580	580	580	580	580
Stem length	90	90	105	105	105
Crank length	170	175	175	175	175
Seatpost length	350	350	350	350	350
Steerer, mm	124	124	139	159	179
Fork Length	428mm axle-crown race				
Head angle	70.0	70.5	70.5	71.5	71.5
Seat angle	74.0	74.0	73.0	73.0	72.5
MM Standover	690	732	774	822	869
Seat tube	381	445	508	572	635
Head tube	90	90	105	125	145
Eff top tube	545	550	564	582	592
Reach	583	589	609	629	639
Chainstays	445	445	445	445	445
BB height	281	281	281	281	281
Offset	38	38	38	38	38
Trail	86	83	83	77	77
Wheelbase	1043	1044	1049	1057	1062
IN Standover	27.17	28.82	30.47	32.36	34.21
Seat tube	15.00	17.52	20.00	22.52	25.00
Head tube	3.54	3.54	4.13	4.92	5.71
Eff top tube	21.46	21.65	22.20	22.91	23.31
Reach	22.95	23.18	23.98	24.76	25.15
Chainstays	17.52	17.52	17.52	17.52	17.52
BB height	11.06	11.06	11.06	11.06	11.06
Offset	1.50	1.50	1.50	1.50	1.50
Trail	3.40	3.28	3.28	3.02	3.02
Wheelbase	41.06	41.10	41.30	41.61	41.81

OUR PRICE: $

7500

Main tubes	7005 T6 TIG aluminum	
Stays	7005 T6 TIG aluminum	
Fork	Cro-Moly	
Headset	Tange Seiki Passage OV	25.4/34.0/30.0, 32.0mm stack
Handlebars	System 1, 10° bend alloy, 30mm rise	25.4mm clamp diameter
Stem	Alloy adjustable rise	25.4mm insertion
Grips	Trek Comfort	
Shifters	GripShift SRT-4.0	
Front derailleur	Shimano Alivio Top Swing	Top pull, 34.9mm/1 3/8"
Rear derailleur	Shimano STX-RC SGS	
Brakes	Lee Chi TX22 direct pull	
Brake levers	Lee Chi LV77E direct pull	
Crankset	Shimano Alivio 42/34/24	Riveted
Bottom bracket	Shimano BB-LP27	73 x 113
Pedals	Resin w/clips and straps	9/16" axle
Cassette	Shimano IG50 11-28	7spd
Chain	Sachs PC-21	108 length, 3/32"
Front hub	Shimano Alivio	
Front tire	Trek Invert II	700 x 38c
Rear hub	Shimano Alivio	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.
Rear tire	Trek Invert II	700 x 38c
Tubes	Schraeder valve	
Front Rim	Matrix Vapor	610 E.R.D., Velox 19mm rim strip
Rear Rim	Matrix Vapor	610 E.R.D., Velox 19mm rim strip
Spokes	14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 299, 297/298 (D/ND)
Saddle	Selle Bassano	
Seatpost	Polygon PM900 shock absorber	27.2mm diameter
Seat binder	Alloy w/integral bolt	31.9 clamp diameter
Additionals	2 water bottle mounts, rack mounts	
Colors	Ice Inkwell • Titanium decal	

	22	32	42
11	54	79	104
13	46	67	88
15	40	58	76
18	33	48	64
21	29	42	54
24	25	36	48
28	21	31	41

24.8 lb.
11.26kg

Frame sizes	15	17.5	20.5	23	25	17W	20W
Handlebar width	580	580	580	580	580	580	580
Stem length	90	90	105	105	105	90	105
Crank length	170	170	175	175	175	170	175
Seatpost length	350	350	350	350	350	350	350
Steerer, mm	117	132	172	172	212	159	199
Fork Length	428mm axle-crown race						
Head angle	70.0	70.5	70.5	71.5	71.5	70.5	70.5
Seat angle	74.0	74.0	73.0	73.0	72.5	74.0	73.0
MM Standover	690	732	774	822	869	685	705
Seat tube	381	445	508	572	635	445	508
Head tube	90	90	105	125	145	125	165
Eff top tube	546	551	566	582	592	548	562
Reach	584	590	611	629	639	587	607
Chainstays	445	445	445	445	445	445	445
BB height	281	281	281	281	281	281	281
Offset	38	38	38	38	38	38	38
Trail	86	83	83	77	77	83	83
Wheelbase	1043	1044	1049	1057	1062	1044	1049
IN Standover	27.17	28.82	30.47	32.36	34.21	26.97	27.76
Seat tube	15.00	17.52	20.00	22.52	25.00	17.52	20.00
Head tube	3.54	3.54	4.13	4.92	5.71	4.92	6.50
Eff top tube	21.50	21.69	22.28	22.91	23.31	21.57	22.13
Reach	22.99	23.22	24.06	24.76	25.15	23.10	23.91
Chainstays	17.52	17.52	17.52	17.52	17.52	17.52	17.52
BB height	11.06	11.06	11.06	11.06	11.06	11.06	11.06
Offset	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Trail	3.40	3.28	3.28	3.02	3.02	3.28	3.28
Wheelbase	41.06	41.10	41.30	41.61	41.81	41.10	41.30

OUR PRICE: $

Main tubes	Hi Tensile steel w/Cro-Moly seat tube		**40**
Stays	High tensile steel		81
Fork	High tensile steel		70
Headset	VP H67W	22.2/30.0/27.0, 35.0mm stack	60
Handlebars	Steel, 30mm rise (50mm on ladies)	25.4mm clamp diameter	**21** 51
Stem	Alloy adjustable	22.2mm insertion	44
Grips	Trek Comfort		38
Shifters	GripShift SRT-4.0		33
Brakes	Shimano Altus CT92		
Brake levers	Tektro 367AP		
Crankset	Dotek, 33T	1 piece	
Bottom bracket	Shimano BB-CT91E	68 x 116	
Pedals	Platform	9/16" axle	
Chain	Sachs	98 length, 1/8"	
Front hub	Forged alloy suspension		
Front tire	Trek Invert II	700 x 38c	
Rear hub	Shimano Nexus Inter 7 Roller Brake	Internal 7 speed, nutted rear, QR front, 130mm O.L.D.	
Rear tire	Trek Invert II	700 x 38c	
Tubes	Schraeder valve		
Front Rim	Vuelta Vision	Rubber rim strip	
Rear Rim	Vuelta Vision	Rubber rim strip	
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear (D/ND)	
Saddle	Trek spring, Women's on 17W, 20W		
Seatpost	Alloy micro-adjust	27.2mm diameter	
Seat binder	Bolt, M6 x 23.5		
Additionals	Chainguard, fenders, kickstand, 2 water bottle mounts, rack mounts (1 bottle on 15", 17W, 20W)		
Colors	Ice Violet • Titanium decal		

28.7 lb.
13.03kg

	Frame sizes	15	17	19	21	23	17W	20W
	Handlebar width	580	580	600	600	600	580	600
	Stem length	90	90	90	110	110	90	110
	Crank length	170	170	170	170	170	170	170
	Seatpost length	300	300	300	300	300	300	300
	Steerer, mm	133	133	133	143	183	164	209
	Fork Length	398mm axle-crown race						
	Head angle	70.0	70.5	70.5	71.5	71.5	70.5	70.5
	Seat angle	74.0	74.0	73.0	73.0	73.0	74.0	73.0
MM	**Standover**	672	706	738	776	821	590	599
	Seat tube	381	432	483	533	584	432	508
	Head tube	90	90	90	100	140	120	165
	Eff top tube	545	550	560	570	580	548	556
	Reach	583	589	599	619	629	587	603
	Chainstays	445	445	445	445	445	445	445
	BB height	281	281	281	281	281	281	281
	Offset	50	50	50	50	50	50	50
	Trail	74	70	70	64	64	70	70
	Wheelbase	1053	1054	1054	1056	1067	1054	1054
IN	**Standover**	26.46	27.80	29.06	30.55	32.32	23.23	23.58
	Seat tube	15.00	17.01	19.02	20.98	22.99	17.01	20.00
	Head tube	3.54	3.54	3.54	3.94	5.51	4.72	6.50
	Eff top tube	21.46	21.65	22.05	22.44	22.83	21.57	21.89
	Reach	22.95	23.18	23.57	24.37	24.77	23.10	23.75
	Chainstays	17.52	17.52	17.52	17.52	17.52	17.52	17.52
	BB height	11.06	11.06	11.06	11.06	11.06	11.06	11.06
	Offset	1.97	1.97	1.97	1.97	1.97	1.97	1.97
	Trail	2.90	2.77	2.77	2.52	2.52	2.77	2.77
	Wheelbase	41.46	41.50	41.50	41.57	42.01	41.50	41.50

OUR PRICE: $

Main tubes	Cro-Moly steel		**24 34 42**
Stays	Cro-Moly steel		**11** 59 84 104
Fork	Cro-Moly		**13** 50 71 88
Headset	Tange Seiki Passage	22.2/30.0/27.0, 30.9mm stack	**16** 41 58 72
Handlebars	System 1, 10° bend alloy, 30mm rise	25.4mm clamp diameter	**19** 34 49 60
Stem	Alloy adjustable rise	22.2mm insertion	**22** 30 42 52
Grips	Trek Comfort		**26** 25 36 44
Shifters	GripShift SRT-4.0		**30** 22 31 38
Front derailleur	Shimano Acera-X	Down pull, 31.8mm/1 1/4"	
Rear derailleur	Shimano Alivio		
Brakes	Lee Chi TX22 direct pull		
Brake levers	Lee Chi LV77E direct pull		
Crankset	Shimano Alivio 42/34/24	67mm bolt hole circle	
Bottom bracket	Shimano BB-LP27	68 x 113	
Pedals	Resin w/clips and straps	9/16" axle	
Cassette	Shimano IG50 11-30	7spd	
Chain	Sachs PC-21	108 length, 3/32"	
Front hub	Shimano Acera-X		
Front tire	Trek Invert II	700 x 38c	
Rear hub	Shimano Acera-X	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.	
Rear tire	Trek Invert II	700 x 38c	
Tubes	Schraeder valve		
Front Rim	Matrix Vapor	610 E.R.D., Cloth rim strip	
Rear Rim	Matrix Vapor	610 E.R.D., Cloth rim strip	
Spokes	14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 299, 297/298 (D/ND)	
Saddle	Trek Hi-density foam, Women's on 17W, 20W		
Seatpost	Polygon shock absorber	27.2mm diameter	
Seat binder	Quick release, 47mm		
Additionals	2 water bottle mounts, rack mounts (1 bottle on 15", 17W, 20W)		
Colors	Black • Metallic Green decal Cactus Green • Silver decal		

26.4 lb.
11.99kg

	Frame sizes	13	15	17	19	21	23	15W	17W	20W
	Handlebar width	580	580	580	580	580	580	580	580	580
	Stem length	90	90	90	105	105	105	90	90	90
	Crank length	170	170	170	170	170	175	170	170	170
	Seatpost length	350	350	350	350	350	350	350	350	350
	Steerer, mm	130	130	130	130	140	180	130	160	205
	Fork Length	398mm axle-crown race								
	Head angle	70.0	70.0	70.5	70.5	71.5	71.5	70.0	70.5	70.5
	Seat angle	74.5	74.0	74.0	73.0	73.0	73.0	74.0	74.0	73.0
MM	**Standover**	638	672	706	738	776	821	582	590	599
	Seat tube	330	381	432	483	533	584	381	432	508
	Head tube	90	90	90	90	100	140	90	120	165
	Eff top tube	540	545	550	560	570	580	545	548	556
	Reach	578	583	589	605	617	627	583	587	595
	Chainstays	445	445	445	445	445	445	445	445	445
	BB height	281	281	281	281	281	281	281	281	281
	Offset	50	50	50	50	50	50	50	50	50
	Trail	74	74	70	70	64	64	74	70	70
	Wheelbase	1053	1053	1054	1054	1056	1067	1053	1054	1054
IN	**Standover**	25.12	26.46	27.80	29.06	30.55	32.32	22.91	23.23	23.58
	Seat tube	12.99	15.00	17.01	19.02	20.98	22.99	15.00	17.01	20.00
	Head tube	3.54	3.54	3.54	3.54	3.94	5.51	3.54	4.72	6.50
	Eff top tube	21.26	21.46	21.65	22.05	22.44	22.83	21.46	21.57	21.89
	Reach	22.76	22.95	23.18	23.83	24.29	24.68	22.95	23.10	23.42
	Chainstays	17.52	17.52	17.52	17.52	17.52	17.52	17.52	17.52	17.52
	BB height	11.06	11.06	11.06	11.06	11.06	11.06	11.06	11.06	11.06
	Offset	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97
	Trail	2.90	2.90	2.77	2.77	2.52	2.52	2.90	2.77	2.77
	Wheelbase	41.46	41.46	41.50	41.50	41.57	42.01	41.46	41.50	41.50

720

OUR PRICE: $

Main tubes	Cro-Moly steel		
Stays	High tensile steel		
Fork	Cro-Moly		
Headset	VP H67W	22.2/30.0/27.0, 35.0mm stack	
Handlebars	Steel, 60mm rise	25.4mm clamp diameter	
Stem	Steel Highrise front load	22.2mm insertion	
Grips	Trek Comfort		
Shifters	GripShift MRX-170		
Front derailleur	Shimano Altus CT92	Down pull, Plate style, 31.8	
Rear derailleur	Shimano Alivio		
Brakes	Lee Chi TX33 direct pull		
Brake levers	Lee Chi LV77E direct pull		
Crankset	Shimano Altus CT92 42/34/24	Riveted	
Bottom bracket	Shimano BB-CT91E	68 x 118	
Pedals	Platform	9/16" axle	
Cassette	Shimano HG50C 11-28	7spd	
Chain	Sachs PC-10	108 length, 3/32"	
Front hub	Forged alloy suspension		
Front tire	Trek Invert II	700 x 38c	
Rear hub	Shimano Acera-X	HyperGlide Compact cassette, 7 speed, 135mm O.L.D.	
Rear tire	Trek Invert II	700 x 38c	
Tubes	Schraeder valve		
Front Rim	Weinmann 519 alloy	610 E.R.D., Rubber rim strip	
Rear Rim	Weinmann 519 alloy	610 E.R.D., Rubber rim strip	
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 296, 293/294 (D/ND)	
Saddle	Trek Hi-density foam, Women's on 17W, 20W		
Seatpost	SP57 shock absorber	27.2mm diameter	
Seat binder	Quick release, 47mm		
Additionals	2 water bottle mounts, rack mounts (1 bottle on 15", 17W, 20W)		
Colors	Ice Red • Gold decal Pearl Green/Blue Moon fade • White decal		

	24	34	42
11	59	84	104
13	50	71	88
15	44	62	76
18	36	51	64
21	31	44	54
24	27	39	48
28	23	33	41

27.2 lb.
12.35kg

	Frame sizes	13	15	17	19	21	23	15W	17W	20W
	Handlebar width	580	580	580	610	610	610	580	580	610
	Stem length	100	100	100	100	100	100	100	100	100
	Crank length	170	170	170	170	170	170	170	170	170
	Seatpost length	350	350	350	350	350	350	350	350	350
	Steerer, mm	130	130	130	130	140	180	130	160	205
	Fork Length	398mm axle-crown race								
	Head angle	70.0	70.0	70.5	70.5	71.5	71.5	70.0	70.5	70.5
	Seat angle	74.5	74.0	74.0	73.0	73.0	73.0	74.0	74.0	73.0
MM	**Standover**	638	672	706	738	776	821	582	590	599
MM	**Seat tube**	330	381	432	483	533	584	381	432	508
MM	**Head tube**	90	90	90	90	100	140	90	120	165
MM	**Eff top tube**	540	545	550	560	570	580	545	548	556
MM	**Reach**	582	587	593	603	615	625	587	591	599
MM	**Chainstays**	445	445	445	445	445	445	445	445	445
MM	**BB height**	281	281	281	281	281	281	281	281	281
MM	**Offset**	50	50	50	50	50	50	50	50	50
MM	**Trail**	74	74	70	70	64	64	74	70	70
MM	**Wheelbase**	1053	1053	1054	1054	1056	1067	1053	1054	1054
IN	**Standover**	25.12	26.46	27.80	29.06	30.55	32.32	22.91	23.23	23.58
IN	**Seat tube**	12.99	15.00	17.01	19.02	20.98	22.99	15.00	17.01	20.00
IN	**Head tube**	3.54	3.54	3.54	3.54	3.94	5.51	3.54	4.72	6.50
IN	**Eff top tube**	21.26	21.46	21.65	22.05	22.44	22.83	21.46	21.57	21.89
IN	**Reach**	22.92	23.12	23.35	23.74	24.20	24.59	23.12	23.27	23.58
IN	**Chainstays**	17.52	17.52	17.52	17.52	17.52	17.52	17.52	17.52	17.52
IN	**BB height**	11.06	11.06	11.06	11.06	11.06	11.06	11.06	11.06	11.06
IN	**Offset**	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97
IN	**Trail**	2.90	2.90	2.77	2.77	2.52	2.52	2.90	2.77	2.77
IN	**Wheelbase**	41.46	41.46	41.50	41.50	41.57	42.01	41.46	41.50	41.50

OUR PRICE: $

700

Main tubes	Hi Tensile steel w/Cro-Moly seat tube		
Stays	High tensile steel		
Fork	High tensile steel		
Headset	VP H67W	22.2/30.0/27.0, 35.0mm stack	
Handlebars	Steel, 60mm rise	25.4mm clamp diameter	
Stem	Steel Highrise front load	22.2mm insertion	
Grips	Trek Comfort		
Shifters	GripShift MRX-170		
Front derailleur	Shimano Tourney TY30	Down pull, 31.8mm/1 1/4"	
Rear derailleur	Shimano Acera-X		
Brakes	Shimano Altus CT92		
Brake levers	Chang Star 279c		
Crankset	Shimano Tourney TY30 48/38/28, chainguard, Riveted		
Bottom bracket	Shimano BB-TY30	68 x 122.5	
Pedals	Platform	9/16" axle	
Freewheel	Shimano HG37 14-28	7spd	
Chain	Sachs PC-10	110 length, 3/32"	
Front hub	Steel quick release		
Front tire	Trek Invert II	700 x 38c	
Rear hub	Nutted rear	Threaded, 7 speed, QR front, nutted rear, 135mm O.L.D.	
Rear tire	Trek Invert II	700 x 38c	
Tubes	Schraeder valve		
Front Rim	Weinmann 519 alloy	610 E.R.D., Rubber rim strip	
Rear Rim	Weinmann 519 alloy	610 E.R.D., Rubber rim strip	
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 296, 293/294 (D/ND)	
Saddle	Trek Hi-density foam		
Seatpost	Alloy micro-adjust	27.2mm diameter	
Seat binder	Quick release, 47mm		
Additionals	2 water bottle mounts, rack mounts (1 bottle on 15", 17W, 20W)		
Colors	Pearl Blue • Metallic Green decal Silver/Titanium fade • Red decal Ice Inkwell • Silver decal		

	28	38	48
14	54	74	93
16	48	65	82
18	42	58	73
20	38	52	65
22	35	47	59
24	32	43	54
28	27	37	47

27.4 lb.
12.44kg

	Frame sizes	15	17	19	21	23	17W	20W
	Handlebar width	580	580	610	610	610	580	610
	Stem length	100	100	100	100	100	100	100
	Crank length	170	170	170	170	170	170	170
	Seatpost length	300	300	300	350	350	300	350
	Steerer, mm	130	130	130	140	180	160	205
	Fork Length	398mm axle-crown race						
	Head angle	70.0	70.5	70.5	71.5	71.5	70.5	70.5
	Seat angle	74.0	74.0	73.0	73.0	73.0	74.0	73.0
MM	**Standover**	672	706	738	776	821	590	599
MM	**Seat tube**	381	432	483	533	584	432	508
MM	**Head tube**	90	90	90	100	140	120	165
MM	**Eff top tube**	545	550	560	570	580	548	556
MM	**Reach**	587	593	603	615	625	591	599
MM	**Chainstays**	445	445	445	445	445	445	445
MM	**BB height**	281	281	281	281	281	281	281
MM	**Offset**	50	50	50	50	50	50	50
MM	**Trail**	74	70	70	64	64	70	70
MM	**Wheelbase**	1053	1054	1054	1056	1067	1054	1054
IN	**Standover**	26.46	27.80	29.06	30.55	32.32	23.23	23.58
IN	**Seat tube**	15.00	17.01	19.02	20.98	22.99	17.01	20.00
IN	**Head tube**	3.54	3.54	3.54	3.94	5.51	4.72	6.50
IN	**Eff top tube**	21.46	21.65	22.05	22.44	22.83	21.57	21.89
IN	**Reach**	23.12	23.35	23.74	24.20	24.59	23.27	23.58
IN	**Chainstays**	17.52	17.52	17.52	17.52	17.52	17.52	17.52
IN	**BB height**	11.06	11.06	11.06	11.06	11.06	11.06	11.06
IN	**Offset**	1.97	1.97	1.97	1.97	1.97	1.97	1.97
IN	**Trail**	2.90	2.77	2.77	2.52	2.52	2.77	2.77
IN	**Wheelbase**	41.46	41.50	41.50	41.57	42.01	41.50	41.5

ROAD

Special Torque Specs

With newer 3 Tube Carbon frames, an internal aluminum sleeve is bonded into the seat tube to prevent possible crushing of the seat tube through extreme over tightening of the front derailleur clamp. However, prior to 1993, this was not done. Instead, a plastic insert was used in the derailleur clamp to prevent over tightening. Be especially careful not to over tighten when attaching front derailleurs to older 3 Tube Carbon bikes.

Tighten tandem bottom bracket eccentric expander bolts to 180 lb•in (20.3 Nm).

Special Parts	Part #
Chainkeeper	T83663
Chainstay guard	T950130
Tandem bottom bracket eccentric (w/hardware)	T82672
Front derailleur braze-on plate (OCLV)	T973749
OCLV bottom bracket cable guide	T942820
Tandem bottom bracket cable guide	T92798
Front derailleur frame clamp AD15, 34.9	40090
Top tube foam insert	T82052

Seatposts

Trek road bikes are designed to accept 27.2mm seat posts with a tolerance of 27.10 to 27.20mm outer diameter. Measure the seatpost for conformity to this tolerance prior to installation.

For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 Nm).

With OCLV frames, do not grease the seatpost. OCLV bikes have a fiberglass sleeve bonded into their carbon seat tube. This sleeve prevents galvanic corrosion of the seatpost and carbon, so no grease is needed, nor recommended. If grease is applied, it may be very difficult to get adequate clamping force to hold the seatpost. If you have accidentally greased an OCLV frame, use a cloth with some degreaser to remove the grease, using normal caution to protect bearings and paint.

Bottom bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads

Brake nuts

With OCLV bikes and the Air Rail carbon fork, the large diameter used to add stiffness means a normal brake bolt may not be long enough. For these forks, we supply a longer nut. The Air Rail fork is found on the 2300, 5000, 5200, 5500, and 5500 frameset.

Brake nut for ICON Air Rail fork, rear yoke on 5000 series OCLV road bikes	950112
Brake nut for rear yoke on Y Foil	980285

Suspension Ready Geometry

A longer version of the Air Rail is found on the aerodynamic Y Foils. These forks are longer to handle properly in the suspension ready geometry.

Chainkeepers and Chainstay guards

OCLV frames (except the Y Foils) must always be fitted with a chainkeeper and chainstay guard to protect against damage in case of chainsuck or overshifting past the inner chainring.

Removing Headset Cups

When removing an headset in an OCLV frame, make sure the headset removal tool is engaging the headset cup. OCLV framesets do not utilize a continuous headtube, but instead use two short inserts to support the headset cups. If the headset tool is outside the insert rather than inside the insert and pressing on the cup, frame damage can result.

Internal Cable Guide Sleeve

Trek Aluminum and 3 Tube Carbon Road bikes use an internally routed rear brake cable for clean, good looks. In some cases of extremely bumpy roads, the cable can bounce inside the top tube, causing an annoying rattle. To prevent this, we provide a foam sleeve which is used to pad the housing inside the top tube.

To install the sleeve, stand the bike on the floor with the seatpost removed from the frame (clamping the seat tube in a repair stand may damage the decals). With the cable installed in the housing, thread the cable through the front cable entry hole. With your free hand, insert a finger down the seat tube and into the top tube. Allow the cable end to contact the end of your finger, and while pushing the housing further into the frame's front hole, let the pressure of the cable end push your finger back out of the top tube.

With the cable pulled well outside the top tube, slide the sleeve over the cable end and housing, and into the top tube. Next, with the sleeve slid as far into the top tube as possible, again reach into the top tube with a finger and find the end of the cable. Use your finger to guide the cable to the rear exit hole of the top tube. When the cable exits the hole, ease the housing out, grease and install the seatpost, and finish your assembly as normal.

At some future time, you may need to install new housing in the frame. Although it's preferable that the housing be inside the sleeve, it is not necessary to prevent most rattles. Just install the cable and housing as you normally would.

Rear Spacing

O.L.D. (Over Locknut Dimension) is a measurement of the hub width on the outside of the axle locknuts. When we list OLD, we're referring to the rear hub. In addition, we have listed the frame dimensions rather than the hub. This is technically incorrect, but more useful because many of our road frames are designed with a 128mm rear axle spacing to use either a 130 OLD 7/8/9 speed hub, or a 126 OLD 6 speed hub. It does not damage the frame in any way to use either of these hub sizes in a bike with a listed 128 OLD.

Y FOIL 77

OUR PRICE: $

Main tubes	OCLV carbon	
Stays	OCLV carbon	
Fork	ICON Air Rail SRG	
Headset	Shimano Ultegra	22.2/30.2/26.4, 37.4mm stack
Handlebars	ICON 2014	26.0mm clamp diameter
Stem	3T Evol 2002 forged front load	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano Dura-Ace STI Dual Control	
Front derailleur	Shimano Dura-Ace	Down pull, Braze-on type
Rear derailleur	Shimano Dura-Ace	
Brakes	Shimano Dura-Ace	
Brake levers	combi brake/shift	
Crankset	Shimano Dura-Ace 53/39	130mm bolt hole circle
Bottom bracket	Shimano Dura-Ace	68 x 109.5
Pedals	Shimano Dura-Ace SPD, clipless	9/16" axle
Cassette	Shimano Dura-Ace 12-23	9 spd
Chain	Shimano Dura-Ace	106 length, 9 speed width
Front hub	Rolf Aero, Salsa FlipOff	
Front tire	Continental Grand Prix 3000, folding	700 x 25c
Rear hub	Rolf Aero, Salsa FlipOff	HyperGlide cassette, 9 spd, 130mm O.L.D.
Rear tire	Continental Grand Prix 3000, folding	700 x 25c
Tubes	Presta valve, 48mm stem	
Front Rim	Araya Super Aero SA-530C	Custom drilled, 597 E.R.D., Velox 16mm rim strip
Rear Rim	Araya Super Aero SA-530C	Custom drilled, 597 E.R.D., Velox 16mm rim strip
Spokes	DT triple butted blade, stainless flat washer,	Rolf alloy self-locking nipple 14 spoke Radial Front 16 spoke 1x Rear 289, 289/287 (D/ND)
Saddle	Selle Bassano	
Seatpost	Thomson Elite	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Metallized yellow • Black decals	

	39	53
12	86	117
13	79	108
14	74	100
15	69	93
16	64	88
17	61	82
19	54	74
21	49	67
23	45	61

18.5 lb.
8.40kg

	Frame sizes	48	51	54	56	59	62
	Handlebar width	380	400	420	420	440	460
	Stem length	85	95	95	105	115	125
	Crank length	170	170	172.5	172.5	172.5	175
	Seatpost length	250	250	250	250	250	250
	Steerer, mm	134	134	134	151	174	204
	Fork Length	402mm axle-crown race					
	Head angle	72.0	72.5	73.0	73.5	74.0	74.0
	Seat angle	74.5	73.8	73.3	72.0	72.0	72.0
MM	**Standover**	727	744	750	769	797	880
	Seat tube	480	510	540	560	590	620
	Head tube	85	85	85	102	125	155
	Eff top tube	510	527	545	565	585	605
	Reach	595	622	640	670	700	730
	Chainstays	408	408	410	410	412	412
	BB height	264	264	266	266	268	268
	Offset	47	47	45	45	43	43
	Trail	61	58	57	54	53	53
	Wheelbase	961	967	979	978	996	1015
IN	**Standover**	28.62	29.29	29.53	30.28	31.38	34.65
	Seat tube	18.90	20.08	21.26	22.05	23.23	24.41
	Head tube	3.35	3.35	3.35	4.02	4.92	6.10
	Eff top tube	20.08	20.75	21.46	22.24	23.03	23.82
	Reach	23.42	24.49	25.20	26.38	27.56	28.74
	Chainstays	16.06	16.06	16.14	16.14	16.22	16.22
	BB height	10.39	10.39	10.47	10.47	10.55	10.55
	Offset	1.85	1.85	1.77	1.77	1.69	1.69
	Trail	2.39	2.27	2.23	2.11	2.07	2.07
	Wheelbase	37.83	38.07	38.54	38.50	39.21	39.96

OUR PRICE: $

Y FOIL 66

Main tubes	OCLV carbon	
Stays	OCLV carbon	
Fork	ICON Air Rail SRG	
Headset	Tange Seiki VR254	22.2/30.2/26.4, 35.2mm stack
Handlebars	ICON 2014	26.0mm clamp diameter
Stem	3T Evol 2002 forged front load	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano Ultegra STI Dual Control	
Front derailleur	Shimano Ultegra	Down pull, Braze-on type
Rear derailleur	Shimano Ultegra	
Brakes	Shimano Ultegra	
Brake levers	combi brake/shift	
Crankset	Shimano Ultegra 53/39	130mm bolt hole circle
Bottom bracket	Shimano Ultegra	68 x 109.5
Pedals	Shimano Ultegra SPD, clipless	9/16" axle
Cassette	Shimano Ultegra 12-23	9 spd
Chain	Shimano HG92	106 length, 9 speed width
Front hub	Shimano Ultegra	
Front tire	Continental Grand Prix 3000, folding	700 x 25c
Rear hub	Shimano Ultegra	HyperGlide cassette, 9 spd, 130mm O.L.D.
Rear tire	Continental Grand Prix 3000, folding	700 x 25c
Tubes	Presta valve	
Front Rim	Mavic CXP21	598.5 E.R.D., Velox 16mm rim strip
Rear Rim	Mavic CXP21	598.5 E.R.D., Velox 16mm rim strip
Spokes	DT 14/15G butted stainless	28 spoke 3x Front, 32 spoke 3x Rear 298, 292/294 (D/ND)
Saddle	Selle Bassano Vuelta, 531 rails/leather cover	
Seatpost	Thomson Elite	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Ice Inkwell • Silver decals	

	39	53
12	86	117
13	79	108
14	74	100
15	69	93
16	64	88
17	61	82
19	54	74
21	49	67
23	45	61

19.4 lb.
8.81kg

	Frame sizes	48	51	54	56	59	62
	Handlebar width	380	400	420	420	440	460
	Stem length	85	95	95	105	115	125
	Crank length	170	170	172.5	172.5	175	175
	Seatpost length	250	250	250	250	250	250
	Steerer, mm	134	134	134	151	174	204
	Fork Length	402mm axle-crown race					
	Head angle	72.0	72.5	73.0	73.5	74.0	74.0
	Seat angle	74.5	73.8	73.3	72.0	72.0	72.0
MM	**Standover**	727	744	750	769	797	880
	Seat tube	480	510	540	560	590	620
	Head tube	85	85	85	102	125	155
	Eff top tube	510	527	545	565	585	605
	Reach	595	622	640	670	700	730
	Chainstays	408	408	410	410	412	412
	BB height	264	264	266	266	268	268
	Offset	47	47	45	45	43	43
	Trail	61	58	57	54	53	53
	Wheelbase	961	967	979	978	996	1015
IN	**Standover**	28.62	29.29	29.53	30.28	31.38	34.65
	Seat tube	18.90	20.08	21.26	22.05	23.23	24.41
	Head tube	3.35	3.35	3.35	4.02	4.92	6.10
	Eff top tube	20.08	20.75	21.46	22.24	23.03	23.82
	Reach	23.42	24.49	25.20	26.38	27.56	28.74
	Chainstays	16.06	16.06	16.14	16.14	16.22	16.22
	BB height	10.39	10.39	10.47	10.47	10.55	10.55
	Offset	1.85	1.85	1.77	1.77	1.69	1.69
	Trail	2.39	2.27	2.23	2.11	2.07	2.07
	Wheelbase	37.83	38.07	38.54	38.50	39.21	39.96

5500

OUR PRICE: $

Main tubes	OCLV carbon	
Stays	OCLV carbon	
Fork	ICON Air Rail	
Headset	Shimano Ultegra	22.2/30.2/26.4, 37.4mm stack
Handlebars	ICON 2014	26.0mm clamp diameter
Stem	3T Evol 2002 forged front load	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano Dura-Ace STI Dual Control	
Front derailleur	Shimano Dura-Ace	Down pull, Braze-on type
Rear derailleur	Shimano Dura-Ace	
Brakes	Shimano Dura-Ace	
Brake levers	combi brake/shift	
Crankset	Shimano Dura-Ace 53/39	130mm bolt hole circle
Bottom bracket	Shimano Dura-Ace	68 x 109.5
Pedals	Shimano Dura-Ace SPD, clipless	9/16" axle
Cassette	Shimano Dura-Ace 12-23	9 spd
Chain	Shimano Dura-Ace	106 length, 9 speed width
Front hub	Rolf Aero, Salsa FlipOff	
Front tire	Continental Grand Prix 3000, folding	700 x 25c
Rear hub	Rolf Aero, Salsa FlipOff	HyperGlide cassette, 9 spd, 130mm O.L.D.
Rear tire	Continental Grand Prix 3000, folding	700 x 25c
Tubes	Presta valve, 48mm stem	
Front Rim	Araya Super Aero SA-530C	Custom drilled, 597 E.R.D., Velox 16mm rim strip
Rear Rim	Araya Super Aero SA-530C	Custom drilled, 597 E.R.D., Velox 16mm rim strip
Spokes	DT triple butted blade, stainless flat washer,	Rolf alloy self-locking nipple 14 spoke Radial Front, 16 spoke 1x Rear 283, 289/287 (D/ND)
Saddle	Selle Bassano Vuelta, 531 rails/leather cover	
Seatpost	Thomson Elite	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	USPS Team • Red/White/Blue decal	

	39	53
12	86	117
13	79	108
14	74	100
15	69	93
16	64	88
17	61	82
19	54	74
21	49	67
23	45	61

17.9 lb.
8.13kg

Frame sizes	50	52	54	56	58	60	62
Handlebar width	400	400	420	420	440	440	460
Stem length	85	95	95	105	115	125	135
Crank length	170	170	172.5	172.5	175	175	175
Seatpost length	250	250	250	250	250	250	250
Steerer, mm	146	146	154	171	189	208	227
Fork Length	370mm axle-crown race						
Head angle	72.0	72.5	73.0	73.8	73.8	74.0	74.0
Seat angle	75.0	75.0	74.0	73.5	73.0	73.0	72.5
MM Standover	749	759	773	793	811	830	848
Seat tube	500	520	540	560	580	600	620
Head tube	97	97	104	121	140	158	177
Eff top tube	518	528	545	560	570	580	590
Reach	603	623	640	665	685	705	725
Chainstays	408	408	410	410	412	412	412
BB height	266	266	266	268	268	268	268
Offset	47	47	47	45	45	43	43
Trail	61	58	55	52	52	53	53
Wheelbase	977	980	985	988	996	1003	1008
IN Standover	29.49	29.88	30.43	31.22	31.93	32.68	33.39
Seat tube	19.69	20.47	21.26	22.05	22.83	23.62	24.41
Head tube	3.82	3.82	4.09	4.76	5.51	6.22	6.97
Eff top tube	20.39	20.79	21.46	22.05	22.44	22.83	23.23
Reach	23.74	24.53	25.20	26.18	26.97	27.76	28.54
Chainstays	16.06	16.06	16.14	16.14	16.22	16.22	16.22
BB height	10.47	10.47	10.47	10.55	10.55	10.55	10.55
Offset	1.85	1.85	1.85	1.77	1.77	1.69	1.69
Trail	2.39	2.27	2.15	2.05	2.05	2.07	2.07
Wheelbase	38.46	38.58	38.78	38.90	39.21	39.49	39.69

OUR PRICE: $

5200

Main tubes	OCLV carbon	
Stays	OCLV carbon	
Fork	ICON Air Rail	
Headset	Tange Seiki VR254	22.2/30.2/26.4, 35.2mm stack
Handlebars	ICON 2014	26.0mm clamp diameter
Stem	3T Evol 2002 forged front load	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano Ultegra STI Dual Control	
Front derailleur	Shimano Ultegra	Down pull, Braze-on type
Rear derailleur	Shimano Ultegra	
Brakes	Shimano Ultegra	
Brake levers	combi brake/shift	
Crankset	Shimano Ultegra 53/39	130mm bolt hole circle
Bottom bracket	Shimano Ultegra	68 x 109.5
Pedals	Shimano Ultegra SPD, clipless	9/16" axle
Cassette	Shimano Ultegra 12-23	9 spd
Chain	Shimano HG92	106 length, 9 speed width
Front hub	Shimano Ultegra	
Front tire	Continental Grand Prix 3000, folding	700 x 25c
Rear hub	Shimano Ultegra	HyperGlide cassette, 9 spd, 130mm O.L.D.
Rear tire	Continental Grand Prix 3000, folding	700 x 25c
Tubes	Presta valve	
Front Rim	Mavic CXP21	598.5 E.R.D., Velox 16mm rim strip
Rear Rim	Mavic CXP21	598.5 E.R.D., Velox 16mm rim strip
Spokes	DT 14/15G butted stainless	28 spoke 3x Front, 32 spoke 3x Rear 298, 292/294 (D/ND)
Saddle	Selle Bassano Vuelta, 531 rails/leather cover	
Seatpost	Thomson Elite	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Ice Roja • White decal	

	39	53
12	86	117
13	79	108
14	74	100
15	69	93
16	64	88
17	61	82
19	54	74
21	49	67
23	45	61

19.6 lb.
8.90kg

Frame sizes	50	52	54	56	58	60	62
Handlebar width	400	400	420	420	440	440	460
Stem length	85	95	95	105	115	125	135
Crank length	170	170	172.5	172.5	175	175	175
Seatpost length	250	250	250	250	250	250	250
Steerer, mm	144	144	151	168	187	206	224
Fork Length	370mm axle-crown race						
Head angle	72.0	72.5	73.0	73.8	73.8	74.0	74.0
Seat angle	75.0	75.0	74.0	73.5	73.0	73.0	72.5
MM Standover	749	759	773	793	811	830	848
Seat tube	500	520	540	560	580	600	620
Head tube	97	97	104	121	140	158	177
Eff top tube	518	528	545	560	570	580	590
Reach	603	623	640	665	685	705	725
Chainstays	408	408	410	410	412	412	412
BB height	266	266	266	268	268	268	268
Offset	47	47	47	45	45	43	43
Trail	61	58	55	52	52	53	53
Wheelbase	977	980	985	988	996	1003	1008
IN Standover	29.49	29.88	30.43	31.22	31.93	32.68	33.39
Seat tube	19.69	20.47	21.26	22.05	22.83	23.62	24.41
Head tube	3.82	3.82	4.09	4.76	5.51	6.22	6.97
Eff top tube	20.39	20.79	21.46	22.05	22.44	22.83	23.23
Reach	23.74	24.53	25.20	26.18	26.97	27.76	28.54
Chainstays	16.06	16.06	16.14	16.14	16.22	16.22	16.22
BB height	10.47	10.47	10.47	10.55	10.55	10.55	10.55
Offset	1.85	1.85	1.85	1.77	1.77	1.69	1.69
Trail	2.39	2.27	2.15	2.05	2.05	2.07	2.07
Wheelbase	38.46	38.58	38.78	38.90	39.21	39.49	39.69

5220

OUR PRICE: $

Main tubes	OCLV carbon	
Stays	OCLV carbon	
Fork	ICON Carbon Classic	
Headset	Tange Seiki CDS	22.2/30.2/26.4, 33.7mm stack
Handlebars	ICON 6061	26.0mm clamp diameter
Stem	3T Evol 2002 forged front load	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano Ultegra STI Dual Control	
Front derailleur	Shimano Ultegra Triple	Down pull, Braze-on type
Rear derailleur	Shimano Ultegra GS	
Brakes	Shimano Ultegra	
Brake levers	combi brake/shift	
Crankset	Shimano Ultegra 52/42/30	74/130mm bolt hole circle
Bottom bracket	Shimano Ultegra	68 x 118
Pedals	Shimano Ultegra SPD, clipless	9/16" axle
Cassette	Shimano Ultegra 12-25	9 spd
Chain	Shimano HG92	108 length, 9 speed width
Front hub	Shimano Ultegra	
Front tire	Continental Grand Prix 3000, folding	700 x 25c
Rear hub	Shimano Ultegra	HyperGlide cassette, 9 spd, 130mm O.L.D.
Rear tire	Continental Grand Prix 3000, folding	700 x 25c
Tubes	Presta valve	
Front Rim	Mavic CXP21	598.5 E.R.D., Velox 16mm rim strip
Rear Rim	Mavic CXP21	598.5 E.R.D., Velox 16mm rim strip
Spokes	DT 14/15G butted stainless	32 spoke 3x Front, 32 spoke 3x Rear 295, 292/294 (D/ND)
Saddle	Selle Bassano Vuelta, 531 rails/leather cover	
Seatpost	Thomson Elite	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Ice RC Blue • Gold decal	

	30	42	52
12	66	93	115
13	61	85	106
14	57	79	98
15	53	74	92
17	47	65	81
19	42	58	72
21	38	53	65
23	35	48	60
25	32	44	55

20.1 lb.
9.13kg

Frame sizes		50	52	54	56	58	60	62
Handlebar width		400	400	420	420	440	440	460
Stem length		85	95	95	105	115	125	135
Crank length		170	170	172.5	172.5	175	175	175
Seatpost length		250	250	250	250	250	250	250
Steerer, mm		142	142	150	167	186	204	223
Fork Length		370mm axle-crown race						
Head angle		72.0	72.5	73.0	73.8	73.8	74.0	74.0
Seat angle		75.0	75.0	74.0	73.5	73.0	73.0	72.5
MM	**Standover**	749	759	773	793	811	830	848
	Seat tube	500	520	540	560	580	600	620
	Head tube	97	97	104	121	140	158	177
	Eff top tube	518	528	545	560	570	580	590
	Reach	603	623	640	665	685	705	725
	Chainstays	408	408	410	410	412	412	412
	BB height	266	266	266	268	268	268	268
	Offset	45	45	45	45	45	45	45
	Trail	63	60	57	52	52	51	51
	Wheelbase	977	980	985	988	996	1003	1008
IN	**Standover**	29.49	29.88	30.43	31.22	31.93	32.68	33.39
	Seat tube	19.69	20.47	21.26	22.05	22.83	23.62	24.41
	Head tube	3.82	3.82	4.09	4.76	5.51	6.22	6.97
	Eff top tube	20.39	20.79	21.46	22.05	22.44	22.83	23.23
	Reach	23.74	24.53	25.20	26.18	26.97	27.76	28.54
	Chainstays	16.06	16.06	16.14	16.14	16.22	16.22	16.22
	BB height	10.47	10.47	10.47	10.55	10.55	10.55	10.55
	Offset	1.77	1.77	1.77	1.77	1.77	1.77	1.77
	Trail	2.47	2.35	2.23	2.05	2.05	1.99	1.99
	Wheelbase	38.46	38.58	38.78	38.90	39.21	39.49	39.69

OUR PRICE: $

5000

Main tubes	OCLV carbon	
Stays	OCLV carbon	
Fork	ICON Air Rail	
Headset	Tange Seiki CDS	22.2/30.2/26.4, 33.7mm stack
Handlebars	ICON 6061	26.0mm clamp diameter
Stem	3T Evol 2002 forged front load	22.2mm insertion
Grips	Cork, black	
Shifters	Campagnolo Veloce Ergopower	
Front derailleur	Campagnolo Veloce	Down pull, Braze-on type
Rear derailleur	Campagnolo Veloce	
Brakes	Campagnolo Veloce	
Brake levers	combi brake/shift	
Crankset	Campagnolo Veloce 53/39	135mm bolt hole circle
Bottom bracket	Campagnolo Veloce	68 x 111
Pedals	Look CR2, clipless	9/16" axle
Cassette	Campagnolo Exa-Drive 12-23	9spd
Chain	Campagnolo 09VL	108 length, 9 speed width
Front hub	Campagnolo Veloce	
Front tire	Continental Grand Prix 3000, folding	700 x 25c
Rear hub	Campagnolo Veloce	ExaDrive cassette, 9 speed, 130mm O.L.D.
Rear tire	Continental Grand Prix 3000, folding	700 x 25c
Tubes	Presta valve	
Front Rim	Mavic Reflex	602 E.R.D., Velox 16mm rim strip
Rear Rim	Mavic Reflex	602 E.R.D., Velox 16mm rim strip
Spokes	DT 14/15G butted stainless	32 spoke 3x Front, 32 spoke 3x Rear 297, 295/297 (D/ND)
Saddle	Selle Bassano Vuelta, 531 rails/leather cover	
Seatpost	Thomson Elite	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Additionals	2 water bottle mounts	
Colors	Team Yellow Pearl • Black decal	

	39	53
12	86	117
13	79	108
14	74	100
15	69	93
16	64	88
17	61	82
19	54	74
21	49	67
23	45	61

19.9 lb.
9.03kg

Frame sizes		50	52	54	56	58	60	62
Handlebar width		400	400	400	420	440	440	460
Stem length		85	95	95	105	115	125	135
Crank length		170	170	172.5	172.5	175	175	175
Seatpost length		250	250	250	250	250	250	250
Steerer, mm		142	142	150	167	186	204	223
Fork Length		370mm axle-crown race						
Head angle		72.0	72.5	73.0	73.8	73.8	74.0	74.0
Seat angle		75.0	75.0	74.0	73.5	73.0	73.0	72.5
MM	**Standover**	749	759	773	793	811	830	848
	Seat tube	500	520	540	560	580	600	620
	Head tube	97	97	104	121	140	158	177
	Eff top tube	518	528	545	560	570	580	590
	Reach	603	623	640	665	685	705	725
	Chainstays	408	408	410	410	412	412	412
	BB height	266	266	266	268	268	268	268
	Offset	47	47	47	45	45	43	43
	Trail	61	58	55	52	52	53	53
	Wheelbase	977	980	985	988	996	1003	1008
IN	**Standover**	29.49	29.88	30.43	31.22	31.93	32.68	33.39
	Seat tube	19.69	20.47	21.26	22.05	22.83	23.62	24.41
	Head tube	3.82	3.82	4.09	4.76	5.51	6.22	6.97
	Eff top tube	20.39	20.79	21.46	22.05	22.44	22.83	23.23
	Reach	23.74	24.53	25.20	26.18	26.97	27.76	28.54
	Chainstays	16.06	16.06	16.14	16.14	16.22	16.22	16.22
	BB height	10.47	10.47	10.47	10.55	10.55	10.55	10.55
	Offset	1.85	1.85	1.85	1.77	1.77	1.69	1.69
	Trail	2.39	2.27	2.15	2.05	2.05	2.07	2.07
	Wheelbase	38.46	38.58	38.78	38.90	39.21	39.49	39.69

2300

OUR PRICE: $

Main tubes	Trek butted carbon	
Stays	Easton tapered aluminum	
Fork	ICON Air Rail	
Headset	Tange Seiki CDS	22.2/30.2/26.4, 33.7mm stack
Handlebars	ICON 2014	26.0mm clamp diameter
Stem	KWG alloy	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano Ultegra STI Dual Control	
Front derailleur	Shimano Ultegra	Down pull, 34.9mm/1 3/8"
Rear derailleur	Shimano Ultegra	
Brakes	Shimano Ultegra	
Brake levers	combi brake/shift	
Crankset	Shimano Ultegra 53/39	130mm bolt hole circle
Bottom bracket	Shimano Ultegra	68 x 109.5
Pedals	Shimano Ultegra SPD, clipless	9/16" axle
Cassette	Shimano Ultegra 12-23,	9 spd
Chain	Shimano HG92	106 length, 9 speed width
Front hub	Shimano Ultegra	
Front tire	Continental Grand Prix 3000, folding	700 x 25c
Rear hub	Shimano Ultegra	HyperGlide cassette, 9 spd, 128mm O.L.D.
Rear tire	Continental Grand Prix 3000, folding	700 x 25c
Tubes	Presta valve, ultra light	
Front Rim	Mavic CXP21	598.5 E.R.D., Velox 16mm rim strip
Rear Rim	Mavic CXP21	598.5 E.R.D., Velox 16mm rim strip
Spokes	DT 14/15G butted stainless	28 spoke 3x Front, 32 spoke 3x Rear 298, 292/294 (D/ND)
Saddle	Selle Bassano Vuelta, 531 rails/leather cover	
Seatpost	PM501 Custom	27.2mm diameter
Seat binder	System Road, 5mm allen, M6 x 25	
Additionals	2 water bottle mounts, rack mounts	
Colors	Metallized Yellow • Yellow/Orange decal	

	39	53
12	86	117
13	79	108
14	74	100
15	69	93
16	64	88
17	61	82
19	54	74
21	49	67
23	45	61

21.2 lb.
9.62kg

Frame sizes	47	50	52	54	56	58	60	62
Handlebar width	380	400	400	420	420	440	440	460
Stem length	70	70	90	100	115	115	130	130
Crank length	170	170	170	172.5	172.5	175	175	175
Seatpost length	250	250	250	250	250	250	250	250
Steerer, mm	128	128	147	167	187	206	226	235
Fork Length	370mm axle-crown race							
Head angle	72.5	73.0	73.0	73.5	73.5	73.5	73.5	74.0
Seat angle	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
MM Standover	724	753	771	792	811	829	848	858
Seat tube	470	500	520	540	560	580	600	620
Head tube	86	86	104	124	145	165	183	193
Eff top tube	518	530	530	550	550	570	570	585
Reach	588	600	620	650	665	685	700	715
Chainstays	415	415	415	415	415	415	415	415
BB height	267	267	267	267	267	267	267	267
Offset	47	47	47	45	45	45	43	43
Trail	58	55	55	54	54	54	56	53
Wheelbase	963	972	972	984	984	1004	1004	1014
IN Standover	28.50	29.65	30.35	31.18	31.93	32.64	33.39	33.78
Seat tube	18.50	19.69	20.47	21.26	22.05	22.83	23.62	24.41
Head tube	3.39	3.39	4.09	4.88	5.71	6.50	7.20	7.60
Eff top tube	20.39	20.87	20.87	21.65	21.65	22.44	22.44	23.03
Reach	23.15	23.62	24.41	25.59	26.18	26.97	27.56	28.15
Chainstays	16.34	16.34	16.34	16.34	16.34	16.34	16.34	16.34
BB height	10.51	10.51	10.51	10.51	10.51	10.51	10.51	10.51
Offset	1.85	1.85	1.85	1.77	1.77	1.77	1.69	1.69
Trail	2.27	2.15	2.15	2.11	2.11	2.11	2.19	2.07
Wheelbase	37.91	38.27	38.27	38.74	38.74	39.53	39.53	39.92

OUR PRICE: $

2120

Main tubes	Trek butted carbon	
Stays	Easton tapered aluminum	
Fork	ICON Carbon Classic	
Headset	Tange Seiki CDS	22.2/30.2/26.4, 33.7mm stack
Handlebars	ICON 6061	26.0mm clamp diameter
Stem	KWG alloy, 90°	22.2mm insertion
Grips	Cork, black	
Shifters	Campagnolo Veloce Ergopower	
Front derailleur	Campagnolo Veloce	Down pull, 34.9mm/1 3/8"
Rear derailleur	Campagnolo Veloce	
Brakes	Campagnolo Veloce	
Brake levers	combi brake/shift	
Crankset	Campagnolo Veloce 52/42/32	74/135mm bolt hole circle
Bottom bracket	Campagnolo Veloce	68 x 115.5
Pedals	Look CR2, clipless	9/16" axle
Cassette	Campagnolo Exa-Drive 13-26	9spd
Chain	Campagnolo 09VL	108 length, 9 speed width
Front hub	Campagnolo Veloce	
Front tire	Continental Grand Prix 3000, folding	700 x 25c
Rear hub	Campagnolo Veloce	ExaDrive cassette, 9 speed, 128mm O.L.D.
Rear tire	Continental Grand Prix 3000, folding	700 x 25c
Tubes	Presta valve	
Front Rim	Mavic Reflex	602 E.R.D., Velox 16mm rim strip
Rear Rim	Mavic Reflex	602 E.R.D., Velox 16mm rim strip
Spokes	DT 14/15G butted stainless	32 spoke 3x Front, 32 spoke 3x Rear 297, 295/297 (D/ND)
Saddle	Selle Bassano Vuelta, 531 rails/leather cover	
Seatpost	PM501 Custom	27.2mm diameter
Seat binder	System Road, 5mm allen, M6 x 25	
Additionals	2 water bottle mounts, rack mounts	
Colors	Titanium • Violet decal	

	32	42	52
13	65	85	106
14	60	79	98
15	56	74	92
16	53	69	86
17	50	65	81
19	45	58	72
22	38	50	63
23	37	48	60
26	33	43	53

22.3 lb.
10.12kg

Frame sizes	47	50	52	54	56	58	60	62
Handlebar width	380	400	400	420	420	440	440	460
Stem length	70	70	90	100	115	115	130	130
Crank length	170	170	170	170	175	175	175	175
Seatpost length	250	250	250	250	250	250	250	250
Steerer, mm	128	128	147	167	187	206	226	235
Fork Length	370mm axle-crown race							
Head angle	72.5	73.0	73.0	73.5	73.5	73.5	73.5	74.0
Seat angle	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
MM Standover	724	753	771	792	811	829	848	858
Seat tube	470	500	520	540	560	580	600	620
Head tube	86	86	104	124	145	165	183	193
Eff top tube	518	530	530	550	550	570	570	585
Reach	585	597	616	646	660	680	695	710
Chainstays	415	415	415	415	415	415	415	415
BB height	267	267	267	267	267	267	267	267
Offset	47	47	47	43	43	43	43	43
Trail	60	57	57	58	58	58	58	55
Wheelbase	963	972	972	984	984	1004	1004	1014
IN Standover	28.50	29.65	30.35	31.18	31.93	32.64	33.39	33.78
Seat tube	18.50	19.69	20.47	21.26	22.05	22.83	23.62	24.41
Head tube	3.39	3.39	4.09	4.88	5.71	6.50	7.20	7.60
Eff top tube	20.39	20.87	20.87	21.65	21.65	22.44	22.44	23.03
Reach	23.02	23.50	24.25	25.43	25.99	26.78	27.35	27.95
Chainstays	16.34	16.34	16.34	16.34	16.34	16.34	16.34	16.34
BB height	10.51	10.51	10.51	10.51	10.51	10.51	10.51	10.51
Offset	1.85	1.85	1.85	1.69	1.69	1.69	1.69	1.69
Trail	2.36	2.23	2.23	2.27	2.27	2.27	2.27	2.15
Wheelbase	37.91	38.27	38.27	38.74	38.74	39.53	39.53	39.92

2100

OUR PRICE: $

Main tubes	Trek butted carbon	
Stays	Easton tapered aluminum	
Fork	ICON Carbon Classic	
Headset	Tange Seiki Passage	22.2/30.2/26.4, 30.9mm stack
Handlebars	ICON 6061	26.0mm clamp diameter
Stem	KWG alloy	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano RSX STI Dual Control	
Front derailleur	Shimano RX-100	Down pull, 34.9mm/1 3/8"
Rear derailleur	Shimano 105	
Brakes	Shimano RSX	
Brake levers	combi brake/shift	
Crankset	Shimano RSX 52/42	130mm bolt hole circle
Bottom bracket	Shimano BB-LP27	68 x 110
Pedals	Look CR2, clipless	9/16" axle
Cassette	Shimano HG50 11-24	7 spd
Chain	Sachs PC-21	106 length, 3/32"
Front hub	Shimano RSX	
Front tire	Continental Super Sport	700 x 25c
Rear hub	Shimano RSX	HyperGlide Compact cassette, 7 speed, 128mm O.L.D.
Rear tire	Continental Super Sport	700 x 25c
Tubes	Presta valve	
Front Rim	Mavic Reflex	602 E.R.D., Velox 16mm rim strip
Rear Rim	Mavic Reflex	602 E.R.D., Velox 16mm rim strip
Spokes	DT 14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 297, 294/296 (D/ND)
Saddle	Selle Bassano Vision, Cro-Moly rails	
Seatpost	PM501 Custom	27.2mm diameter
Seat binder	System Road, 5mm allen, M6 x 25	
Additionals	2 water bottle mounts, rack mounts	
Colors	Yellow Pearl/Inkwell • Yellow/Inkwell decal	

	42	52
11	103	128
13	87	108
15	76	94
17	67	83
19	60	74
21	54	67
24	47	59

21.9 lb.
9.94kg

Frame sizes	47	50	52	54	56	58	60	62
Handlebar width	380	400	400	420	420	440	440	440
Stem length	70	70	90	100	115	115	130	130
Crank length	170	170	170	170	170	175	175	175
Seatpost length	250	250	250	250	250	250	250	250
Steerer, mm	125	125	144	164	184	203	223	232
Fork Length	370mm axle-crown race							
Head angle	72.5	73.0	73.0	73.5	73.5	73.5	73.5	74.0
Seat angle	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
MM Standover	724	753	771	792	811	829	848	858
Seat tube	470	500	520	540	560	580	600	620
Head tube	86	86	104	124	145	165	183	193
Eff top tube	518	530	530	550	550	570	570	585
Reach	588	600	620	650	665	685	700	715
Chainstays	415	415	415	415	415	415	415	415
BB height	267	267	267	267	267	267	267	267
Offset	47	47	47	43	43	43	43	43
Trail	60	57	57	58	58	58	58	55
Wheelbase	963	972	972	984	984	1004	1004	1014
IN Standover	28.50	29.65	30.35	31.18	31.93	32.64	33.39	33.78
Seat tube	18.50	19.69	20.47	21.26	22.05	22.83	23.62	24.41
Head tube	3.39	3.39	4.09	4.88	5.71	6.50	7.20	7.60
Eff top tube	20.39	20.87	20.87	21.65	21.65	22.44	22.44	23.03
Reach	23.15	23.62	24.41	25.59	26.18	26.97	27.56	28.15
Chainstays	16.34	16.34	16.34	16.34	16.34	16.34	16.34	16.34
BB height	10.51	10.51	10.51	10.51	10.51	10.51	10.51	10.51
Offset	1.85	1.85	1.85	1.69	1.69	1.69	1.69	1.69
Trail	2.36	2.23	2.23	2.27	2.27	2.27	2.27	2.15
Wheelbase	37.91	38.27	38.27	38.74	38.74	39.53	39.53	39.92

OUR PRICE: $

1220

Main tubes	Easton Program aluminum	
Stays	Easton tapered aluminum	
Fork	Trek epoxy bonded aluminum	
Headset	Tange Seiki Passage	22.2/30.2/26.4, 30.9mm stack
Handlebars	ICON 6061	26.0mm clamp diameter
Stem	KWG alloy, 90°	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano RSX STI Dual Control	
Front derailleur	Shimano RX-100	Down pull, 34.9mm/1 3/8"
Rear derailleur	Shimano RSX GS	
Brakes	Shimano RSX	
Brake levers	combi brake/shift	
Crankset	Sugino RD5000 52/42/30	74/130mm bolt hole circle
Bottom bracket	Shimano BB-LP27	68 x 118
Pedals	Alloy/alloy cage w/clips and straps	9/16" axle
Cassette	Shimano HG50C 11-28	7spd
Chain	Shimano HG50	108 length, 3/32"
Front hub	Shimano RSX	
Front tire	Continental Super Sport 100	700 x 28c
Rear hub	Shimano RSX	HyperGlide Compact cassette, 7 speed, 128mm O.L.D.
Rear tire	Continental Super Sport 100	700 x 28c
Tubes	Presta valve	
Front Rim	Mavic Reflex	602 E.R.D., Velox 16mm rim strip
Rear Rim	Mavic Reflex	602 E.R.D., Velox 16mm rim strip
Spokes	DT 14G stainless	32 spoke 3x Front, 32 spoke 3x Rear 297, 294/296 (D/ND)
Saddle	Selle Bassano Vision, Cro-Moly rails	
Seatpost	PM501 Custom	27.2mm diameter
Seat binder	System Road, 5mm allen, M6 x 25	
Additionals	2 water bottle mounts, rack mounts	
Colors	Ice Earth Green • Titanium decal	

	30	42	52
11	74	103	128
13	62	87	108
15	54	76	94
18	45	63	78
21	39	54	67
24	34	47	59
28	29	41	50

22.6 lb.
10.26kg

Frame sizes	47	50	52	54	56	58	60	62
Handlebar width	380	400	400	420	420	440	440	440
Stem length	70	70	90	100	115	115	130	130
Crank length	170	170	170	172.5	172.5	175	175	175
Seatpost length	250	250	250	250	250	250	250	250
Steerer, mm	125	125	144	164	184	203	223	232
Fork Length	370mm axle-crown race							
Head angle	72.5	73.0	73.0	73.5	73.5	73.5	73.5	74.0
Seat angle	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
MM Standover	724	753	771	792	811	829	848	858
Seat tube	470	500	520	540	560	580	600	620
Head tube	86	86	104	124	145	165	183	193
Eff top tube	518	530	530	550	550	570	570	585
Reach	585	597	616	646	660	680	695	710
Chainstays	415	415	415	415	415	415	415	415
BB height	267	267	267	267	267	267	267	267
Offset	47	47	47	43	43	43	43	43
Trail	60	57	57	58	58	58	58	55
Wheelbase	963	972	972	984	984	1004	1004	1014
IN Standover	28.50	29.65	30.35	31.18	31.93	32.64	33.39	33.78
Seat tube	18.50	19.69	20.47	21.26	22.05	22.83	23.62	24.41
Head tube	3.39	3.39	4.09	4.88	5.71	6.50	7.20	7.60
Eff top tube	20.39	20.87	20.87	21.65	21.65	22.44	22.44	23.03
Reach	23.02	23.50	24.25	25.43	25.99	26.78	27.35	27.95
Chainstays	16.34	16.34	16.34	16.34	16.34	16.34	16.34	16.34
BB height	10.51	10.51	10.51	10.51	10.51	10.51	10.51	10.51
Offset	1.85	1.85	1.85	1.69	1.69	1.69	1.69	1.69
Trail	2.36	2.23	2.23	2.27	2.27	2.27	2.27	2.15
Wheelbase	37.91	38.27	38.27	38.74	38.74	39.53	39.53	39.92

OUR PRICE: $

Main tubes	Aluminum	
Stays	Aluminum	
Fork	Aero Cro-Moly	
Headset	Tange Seiki Passage	22.2/30.0/27.0, 30.9mm stack
Handlebars	Alloy	26.0mm clamp diameter
Stem	Cro-Moly	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano RSX STI Dual Control	
Front derailleur	Shimano RX-100	Down pull, 31.8mm/1 1/4"
Rear derailleur	Shimano RSX GS	
Brakes	Shimano RSX	
Brake levers	combi brake/shift	
Crankset	Sugino RD5000 52/42/30	74/130mm bolt hole circle
Bottom bracket	Shimano BB-LP27	68 x 118
Pedals	Resin w/clips and straps	9/16" axle
Cassette	Shimano HG50C 11-28	7spd
Chain	UG50	110 length, 3/32"
Front hub	Shimano RSX	
Front tire	Continental Super Sport 100	700 x 23c
Rear hub	Shimano RSX	HyperGlide Compact cassette, 7 speed, 130mm O.L.D.
Rear tire	Continental Super Sport 100	700 x 23c
Tubes	Presta valve	
Front Rim	Rigida V-Argent	PVC rim strip
Rear Rim	Rigida V-Argent	PVC rim strip
Spokes	15G stainless	32 spoke 3x Front, 32 spoke 3x Rear 294, 292/293 (D/ND)
Saddle	Padded	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder		
Additionals	2 water bottle mounts, rack mounts	
Colors	Titanium • Red decal	

	30	42	52
11	72	101	125
13	61	85	106
15	53	74	92
18	44	62	76
21	38	53	65
24	33	46	57
28	28	40	49

25.2 lb.
11.44kg

Frame sizes	43	50	54	56	58	60
Handlebar width	390	410	410	430	430	430
Stem length	80	80	100	100	100	120
Crank length	170	170	170	170	175	175
Seatpost length	270	270	270	270	270	270
Steerer, mm	130	130	130	145	165	180
Fork Length	370mm axle-crown race					
Head angle	72.5	72.5	72.5	73.5	74.0	74.0
Seat angle	75.0	75.0	74.0	73.5	73.5	73.0
MM Standover	713	747	765	785	804	821
Seat tube	430	500	540	560	580	600
Head tube	100	100	100	115	135	150
Eff top tube	520	520	536	555	565	575
Reach	596	596	631	651	661	690
Chainstays	415	415	415	415	415	415
BB height	266	266	266	266	266	266
Offset	47	47	47	47	43	43
Trail	60	60	60	54	55	55
Wheelbase	980	980	987	989	989	999
IN Standover	28.07	29.41	30.12	30.91	31.65	32.32
Seat tube	16.93	19.69	21.26	22.05	22.83	23.62
Head tube	3.94	3.94	3.94	4.53	5.31	5.91
Eff top tube	20.47	20.47	21.10	21.85	22.24	22.64
Reach	23.48	23.48	24.86	25.63	26.03	27.18
Chainstays	16.34	16.34	16.34	16.34	16.34	16.34
BB height	10.47	10.47	10.47	10.47	10.47	10.47
Offset	1.85	1.85	1.85	1.85	1.69	1.69
Trail	2.36	2.36	2.36	2.11	2.15	2.15
Wheelbase	38.58	38.58	38.86	38.94	38.94	39.33

OUR PRICE: $

Main tubes	Aluminum	
Stays	Aluminum	
Fork	Aero Cro-Moly	
Headset	Tange Seiki Passage	22.2/30.0/27.0, 30.9mm stack
Handlebars	Alloy	26.0mm clamp diameter
Stem	Cro-Moly	22.2mm insertion
Grips	Cork, black	
Shifters	Shimano RSX STI Dual Control	
Front derailleur	Shimano RX-100	Down pull, 31.8mm/1 1/4"
Rear derailleur	Shimano RSX SS	
Brakes	Shimano RSX	
Brake levers	combi brake/shift	
Crankset	Shimano RSX 52/42	110mm bolt hole circle
Bottom bracket	Shimano BB-LP27	68 x 110
Pedals	Resin w/clips and straps	9/16" axle
Cassette	Shimano HG50C 11-24	7spd
Chain	UG50	110 length, 3/32"
Front hub	Shimano RSX	
Front tire	Continental Super Sport 100	700 x 23c
Rear hub	Shimano RSX	HyperGlide Compact cassette, 7 speed, 130mm O.L.D.
Rear tire	Continental Super Sport 100	700 x 23c
Tubes	Presta valve	
Front Rim	Rigida V-Argent	PVC rim strip
Rear Rim	Rigida V-Argent	PVC rim strip
Spokes	15G stainless	32 spoke 3x Front, 32 spoke 3x Rear 294, 293/293 (D/ND)
Saddle	Padded	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder		
Additionals	2 water bottle mounts, rack mounts	
Colors	Ice Orange/Silver fade • Silver decal	

	42	52
11	103	128
13	87	108
15	76	94
17	67	83
19	60	74
21	54	67
24	47	59

24.9 lb.
11.30kg

Frame sizes	43	50	54	56	58	60
Handlebar width	390	410	410	430	430	430
Stem length	80	80	100	100	100	120
Crank length	170	170	170	170	175	175
Seatpost length	270	270	270	270	270	270
Steerer, mm	130	130	130	145	165	180
Fork Length	370mm axle-crown race					
Head angle	72.5	72.5	72.5	73.5	74.0	74.0
Seat angle	75.0	75.0	74.0	73.5	73.5	73.0
MM Standover	713	747	765	785	804	821
Seat tube	430	500	540	560	580	600
Head tube	100	100	100	115	135	150
Eff top tube	520	520	536	555	565	575
Reach	596	596	631	651	661	690
Chainstays	415	415	415	415	415	415
BB height	266	266	266	266	266	266
Offset	47	47	47	47	43	43
Trail	60	60	60	54	55	55
Wheelbase	980	980	987	989	989	999
IN Standover	28.07	29.41	30.12	30.91	31.65	32.32
Seat tube	16.93	19.69	21.26	22.05	22.83	23.62
Head tube	3.94	3.94	3.94	4.53	5.31	5.91
Eff top tube	20.47	20.47	21.10	21.85	22.24	22.64
Reach	23.48	23.48	24.86	25.63	26.03	27.18
Chainstays	16.34	16.34	16.34	16.34	16.34	16.34
BB height	10.47	10.47	10.47	10.47	10.47	10.47
Offset	1.85	1.85	1.85	1.85	1.69	1.69
Trail	2.36	2.36	2.36	2.11	2.15	2.15
Wheelbase	38.58	38.58	38.86	38.94	38.94	39.33

520

OUR PRICE: $

Main tubes	True Temper double butted Cro-Moly	
Stays	Cro-Moly steel	
Fork	Cro-Moly Touring	
Headset	Tange Seiki CDS	22.2/30.2/26.4, 33.7mm stack
Handlebars	ICON 6061	26.0mm clamp diameter
Stem	KWG alloy, 90°	22.2mm insertion
Grips	Cork, natural	
Shifters	Shimano Ultegra bar ends	
Front derailleur	Shimano 105	Down pull, 31.8mm/1 1/4"
Rear derailleur	Shimano Deore LX SGS	
Brakes	Shimano Deore LX cantilevers	
Brake levers	Dia-Compe 287 Aero	
Crankset	Shimano 105 52/42/30	74/130mm bolt hole circle
Bottom bracket	Shimano BB-UN52	68 x 118
Pedals	Shimano SPD M323 clipless	9/16" axle
Cassette	Shimano HG60-I 11-30	8spd
Chain	Sachs PC-41	114 length, 3/32"
Front hub	Shimano STX-RC	
Front tire	Continental Super Sport	700 x 28c
Rear hub	Shimano Deore LX 'Silent Clutch' HyperGlide	Compact cassette, 8 speed, 135mm O.L.D.
Rear tire	Continental Super Sport	700 x 28c
Tubes	Presta valve	
Front Rim	Matrix Vapor, eyeletted	610 E.R.D., Velox 19mm rim strip
Rear Rim	Matrix Vapor, eyeletted	610 E.R.D., Velox 19mm rim strip
Spokes	DT 14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 297, 294/295 (D/ND)
Saddle	Selle Bassano Touring, Cro-Moly rails, leather	
Seatpost	PM501 Custom	27.2mm diameter
Seat binder	Alloy w/integral bolt	31.9 clamp diameter
Additionals	3 water bottle mounts, front & rear rack mounts, rear rack	
Colors	Pearl Navy • Silver decal	

	30	42	52
11	74	103	128
13	62	87	108
15	54	76	94
17	48	67	83
20	41	57	70
23	35	49	61
26	31	44	54
30	27	38	47

26.3 lb.
11.94kg

	Frame sizes	17	19	21	23	25
	Handlebar width	380	400	420	440	460
	Stem length	70	90	100	115	130
	Crank length	170	170	170	175	175
	Seatpost length	250	250	250	250	250
	Steerer, mm	141	141	141	171	216
	Fork Length	390mm axle-crown race				
	Head angle	71.0	71.0	71.0	72.0	72.5
	Seat angle	74.0	74.0	73.5	73.0	72.0
MM	**Standover**	697	727	764	806	852
	Seat tube	432	483	533	584	635
	Head tube	90	90	90	120	165
	Eff top tube	540	545	555	566	590
	Reach	606	630	650	675	714
	Chainstays	450	450	450	450	450
	BB height	268	268	268	268	268
	Offset	52	52	52	52	52
	Trail	64	64	64	58	55
	Wheelbase	1044	1046	1054	1052	1062
IN	**Standover**	27.44	28.62	30.08	31.73	33.54
	Seat tube	17.01	19.02	20.98	22.99	25.00
	Head tube	3.54	3.54	3.54	4.72	6.50
	Eff top tube	21.26	21.46	21.85	22.28	23.23
	Reach	23.87	24.81	25.57	26.59	28.11
	Chainstays	17.72	17.72	17.72	17.72	17.72
	BB height	10.55	10.55	10.55	10.55	10.55
	Offset	2.05	2.05	2.05	2.05	2.05
	Trail	2.53	2.53	2.53	2.28	2.15
	Wheelbase	41.10	41.18	41.50	41.42	41.81

OUR PRICE: $

T200

Main tubes	Trek/True Temper custom butted Cro-Moly	
Stays	Trek/True Temper custom butted Cro-Moly	
Fork	Trek custom Tandem Cro-Moly	
Headset	Tange Seiki OV-Al	28.6/37.0/33.0, 40.9mm stack
Handlebars	ICON 6061	26.0mm clamp diameter
Captain Stem	System 1 Tandem Cro-Moly	28.6mm insertion
Stoker Stem	System 3 140-180 adjustable Cro-Moly	27.2mm seatpost
Grips	Trek Comfort	
Shifters	Shimano Ultegra bar ends	
Front derailleur	Shimano 105	Down pull, 31.8mm/1 1/4"
Rear derailleur	Shimano Deore XT SGS	
Brakes	Shimano Deore XT V with World Class adapters	
Brake levers	Dia-Compe Stoker levers	
Stoker levers	Dia-Compe 287 aero	
Crankset	Sugino SXD-600 Tandem 54/42/30, Impel rings, 74/110mm bolt hole circle	
Bottom bracket	Shimano BB-UN72	68 x 122.5
Pedals	ICON clipless	9/16" axle
Cassette	Shimano HG70-I 11-30	8spd
Chain	Sachs PC-51	148/112 (152 on 58/53) length, 3/32"
Front hub	Shimano Deore XT Tandem	
Front tire	Continental Super Sport 100	700 x 28c
Rear hub	Shimano Deore XT Tandem	HyperGlide Compact cassette, 8 spd, w/threads, 145mm O.L.D.
Rear tire	Continental Super Sport 100	700 x 28c
Tubes	Presta valve	
Front Rim	Bontrager Clyde	604 E.R.D., Velox 22mm rim strip
Rear Rim	Bontrager Clyde	604 E.R.D., Velox 22mm rim strip
Spokes	13/14G butted stainless	48 spoke 4x Front, 48 spoke 4x Rear 289, 288/289 (D/ND)
Saddle	Selle Bassano Vision, Women's stoker, leather cover	
Capt's Seatpost	Alloy micro-adjust front	27.2mm diameter
Stoker Seatpost	Giani suspension stoker	27.2mm diameter
Seat binder	Alloy w/integral bolt	31.9 clamp diameter
Additionals	6 water bottle mounts (5 on 50/46), front & rear rack mounts	
Colors	Trek Red • Pearl White decal	

	30	42	54
11	74	104	134
13	63	88	113
15	54	76	98
17	48	67	87
20	41	57	74
23	36	50	64
26	31	44	57
30	27	38	49

42.9 lb.
19.48kg

	Frame sizes	50/46		54/50		57/47		58/53	
	Handlebar width	420	460	420	460	440	460	440	460
	Stem length	100	140-180	100	140-180	120	140-180	120	140-180
	Crank length	170	170	175	170	175	170	175	170
	Seatpost length	350	330	350	330	350	330	350	330
	Steerer, mm	147		147		183		183	
	Fork Length	400mm axle-crown race							
	Head angle	72.0	73.0	72.0	73.0	73.0	73.0	73.0	73.0
	Seat angle	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
MM	**Standover**	753	681	782	748	799	727	820	785
	Seat tube	511	460	551	509	560	478	593	539
	Head tube	101		101		137		137	
	Eff top tube	554	703	552	699	573	704	573	720
	Reach	649	569	647	565	688	570	688	586
	Chainstays	430		430		430		430	
	BB height	275	275	275	275	275	283	275	283
	Offset	60		60		55		55	
	Trail	50	107	50	107	49	107	49	107
	Wheelbase	1733		1727		1738		1758	
IN	**Standover**	29.65	26.81	30.79	29.45	31.46	28.62	32.28	30.91
	Seat tube	20.12	18.11	21.69	20.04	22.05	18.82	23.35	21.22
	Head tube	3.98		3.98		5.39		5.39	
	Eff top tube	21.81	27.68	21.73	27.52	22.56	27.72	22.56	28.35
	Reach	25.56	22.41	25.48	22.25	27.08	22.45	27.08	23.08
	Chainstays	16.93		16.93		16.93		16.93	
	BB height	10.83	10.83	10.83	10.83	10.83	11.14	10.83	11.14
	Offset	2.36		2.36		2.17		2.17	
	Trail	1.98	4.20	1.98	4.20	1.94	4.20	1.94	4.20
	Wheelbase	68.23		67.99		68.43		69.21	

T100

OUR PRICE: $

Main tubes	Trek/True Temper custom butted Cro-Moly		
Stays	Trek/True Temper custom butted Cro-Moly		
Fork	Trek custom Tandem Cro-Moly		
Headset	YST 707SW	28.6/37.0/33.0, 40.4mm stack	
Handlebars	System 1, 6° bend alloy	25.4mm clamp diameter	
Capt's Stem	System 1 Tandem Cro-Moly	28.6mm insertion	
Stoker Stem	System 3 140-180 adj. Cro-Moly rear	27.2mm seatpost	
Grips	Trek Comfort		
Shifters	GripShift SRT-4.0		
Front derailleur	Shimano 105	Down pull, 31.8mm/1 1/4"	
Rear derailleur	Shimano Deore LX SGS		
Brakes	Shimano STX		
Brake levers	Shimano Alivio		
Crankset	Sugino SXD-300 Tandem 54/42/30	74/110mm bolt hole circle	
Bottom bracket	Shimano BB-UN52	68 x 122.5	
Pedals	Resin w/clips and straps	9/16" axle	
Cassette	Shimano IG50 11-30	7spd	
Chain	Sachs PC-51	148/112 (152 on 58/53) length, 3/32"	
Front hub	Shimano STX Tandem		
Front tire	Trek Invert II, 60TPI	700 x 38c	
Rear hub	Shimano STX Tandem	HyperGlide Compact cassette, 7 spd, w/threads, 145mm O.L.D.	
Rear tire	Trek Invert II, 60TPI	700 x 38c	
Tubes	Presta valve		
Front Rim	Bontrager Clyde	604 E.R.D., Velox 22mm rim strip	
Rear Rim	Bontrager Clyde	604 E.R.D., Velox 22mm rim strip	
Spokes	13/14G butted stainless	48 spoke 4x Front, 48 spoke 4x Rear	
		289, 288/289 (D/ND)	
Saddle	Selle Bassano Hybrid, Women's stoker		
Capt's Seatpost	Alloy micro-adjust front	27.2mm diameter	
Stoker Seatpost	PM900 suspension stoker	27.2mm diameter	
Seat binder	Alloy w/integral bolt, hanger (no hanger on 46), 31.8 clamp diameter		
Additionals	6 water bottle mounts (5 on 50/46), front & rear rack mounts		
Colors	Pearl Navy • Silver decal		

	30	42	54
11	74	104	134
13	63	88	113
16	51	72	92
19	43	60	77
22	37	52	67
26	31	44	57
30	27	38	49

42.8 lb.
19.43kg

Frame sizes	50/46		54/50		57/47		58/53	
Handlebar width	580	580	580	580	580	580	580	580
Stem length	120	140-180	120	140-180	135	140-180	135	140-180
Crank length	170	170	175	170	175	170	175	170
Seatpost length	350	350	350	350	350	350	350	350
Steerer, mm	147		147		183		183	
Fork Length	400mm axle-crown race							
Head angle	72.0	73.0	72.0	73.0	73.0	73.0	73.0	73.0
Seat angle	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
MM Standover	753	681	782	748	799	727	820	785
Seat tube	511	460	551	509	560	478	593	539
Head tube	101		101		137		137	
Eff top tube	554	703	552	699	573	704	573	720
Reach	631	569	629	565	662	570	662	586
Chainstays	430		430		430		430	
BB height	275	275	275	275	275	283	275	283
Offset	60		60		55		55	
Trail	50	107	50	107	49	107	49	107
Wheelbase	1733		1727		1738		1758	
IN Standover	29.65	26.81	30.79	29.45	31.46	28.62	32.28	30.91
Seat tube	20.12	18.11	21.69	20.04	22.05	18.82	23.35	21.22
Head tube	3.98		3.98		5.39		5.39	
Eff top tube	21.81	27.68	21.73	27.52	22.56	27.72	22.56	28.35
Reach	24.85	22.41	24.77	22.25	26.05	22.45	26.05	23.08
Chainstays	16.93		16.93		16.93		16.93	
BB height	10.83	10.83	10.83	10.83	10.83	11.14	10.83	11.14
Offset	2.36		2.36		2.17		2.17	
Trail	1.98	4.20	1.98	4.20	1.94	4.20	1.94	4.20
Wheelbase	68.23		67.99		68.43		69.21	

Although these bikes may not be particularly expensive, they still deserve a quality assembly. Remember, the customer riding a Mtn. Cub today may be shopping for a Y bike in just a few years!

Bikes and Kids

Pay particular attention to greasing the threads on these bikes. They are often left out in the yard when it rains, etc. etc.. They may even be ridden in salt water (shudder!). Make sure to grease the stem bolts (all 4 handlebar clamp bolts on BMX style stems), seatpost, and stem insertion, as well as axle nuts.

Also remember that kids bikes must endure hard play and low maintenance. Make sure all the accessories (like chain guards) are aligned and tightened. Also check the chain tension, as this is part of the braking system on a coaster brake equipped bike.

On bikes with training wheels, the correct height of the training wheels depends on the skill of the rider. For new riders just learning: With correct air pressure in the tires and the rider seated on the bike, there should be 3-5mm clearance between the training wheels and the ground with the bike fully upright. As a rider's skill increases, this gap may be increased to allow leaning the bike in corners, and to teach balance.

Redundant Wheel Retention Devices

With our BMX bikes, do not remove the '2-stage' washers from the front wheel axles. They are redundant retention devices, there to help protect people who neglect to correctly tighten the wheel axle nuts. The portion of the 'tophat' with a smaller diameter fits into the fork's keyhole dropout, while the larger diameter works much like a washer on the outside surface of the fork blade. Make sure they are correctly installed, and instruct the consumer to leave them in place at all times.

Rotors

Some models of BMX bikes are equipped with rotors. When equipped with a rotor, a bike with a front brake can have its handlebars rotated 360° (repeatedly, if you're really good) without catching the brake cable. Bikes with rotors have a specific headset stack with specific washers. Do not attempt to remove headset washers for rotor-equipped bikes.

Also, pay special attention to the brake adjustment on bikes equipped with rotors. Make sure there is adequate possible adjustment of the brake cable tension with the various barrel adjusters involved.

Watch the bearing unit as you rotate the handlebars 360°. It should not move up or down, or tilt. When the brake lever is applied, the rotor should apply the brake firmly while the bearing unit remains parallel to the upper and lower cable stops. If the bearing unit tilts either when the brakes are applied, or when the handlebars are rotated, the rotor needs adjustment.

To adjust the rotor, ensure that both lower barrel adjusters are flush with (do not show above) the lower cable stop, and the bearing unit should be resting on the lower cable stop. Your rear brake adjustment must be made with the bearing unit in this position.

The bearing unit should be parallel to the upper and lower cable stops. If it is tilted, there is slack in one of the cables. Pull each end, one at a time, to see which cable has slack at the bearing unit. Remove the slack through the barrel adjuster. When even pull is achieved, tighten all barrel adjuster locknuts.

CRUISER COOL BREEZE

OUR PRICE: $

Main tubes	Hi Tensile steel		33
Stays	Hi Tensile steel		
Fork	Hi Tensile steel		79
Headset	Steel	22.2/30.0/27.0	65
Handlebars	Cruiser, steel	25.4mm clamp diameter	
Stem	Alloy/steel	22.2mm insertion	53
Grips	Kraton		20 43
Shifters	GripShift SRT-4.0 for Nexus, right only		
Brakes	Shimano Revo coaster		
Brake levers			
Crankset	Dotek, 33T	1 piece	35.8 lb. 16.25kg
Bottom bracket	VP-B31W		
Pedals	Resin	9/16" axle	
Cassette	20T	Single cog	
Chain	KMC 408	98 length, 1/8"	
Front hub	Alloy, nutted		
Front tire	Whitewall	26 x 2.0	
Rear hub	Shimano Nexus 4 speed	Internal 4 speed, Nutted front & rear, 110mm O.L.D.	
Rear tire	Whitewall	26 x 2.0	
Tubes	Schraeder valve		
Front Rim	Alloy	PVC rim strip	
Rear Rim	Alloy	PVC rim strip	
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 265, 254 (D/ND)	
Saddle	Dual spring		
Seatpost	Steel, chrome plated	25.6mm diameter	
Seat binder			
Additionals	Kickstand, chainguard		
Colors	Pearl Blue • Gold decal		

Frame sizes	17	20	17W
Handlebar width	675	675	675
Stem length	40	40	40
Crank length	170	170	170
Seatpost length	300	300	300
Steerer, mm	156	191	156
Fork Length	386mm axle-crown race		
Head angle	69.5	69.5	69.5
Seat angle	72.8	72.8	72.8
MM Standover	683	727	526
Seat tube	432	508	432
Head tube	120	155	120
Eff top tube	562	585	562
Reach	599	622	599
Chainstays	450	450	450
BB height	275	275	275
Offset	58	58	58
Trail	64	64	64
Wheelbase	1080	1105	1080
IN Standover	26.89	28.62	20.71
Seat tube	17.01	20.00	17.01
Head tube	4.72	6.10	4.72
Eff top tube	22.13	23.03	22.13
Reach	23.60	24.51	23.60
Chainstays	17.72	17.72	17.72
BB height	10.83	10.83	10.83
Offset	2.28	2.28	2.28
Trail	2.50	2.50	2.50
Wheelbase	42.52	43.50	42.52

OUR PRICE: $

CRUISER CALYPSO

Main tubes	Hi Tensile steel		40
Stays	Hi Tensile steel		
Fork	Hi Tensile steel		14 75
Headset	Steel	22.2/30.0/27.0	16 66
Handlebars	Cruiser, steel	25.4mm clamp diameter	18 58
Stem	Alloy/steel	22.2mm insertion	21 50
Grips	Kraton		24 44
Shifters	GripShift MRX-170, right only		28 37
Front derailleur	-		
Rear derailleur	Shimano Tourney TY22		
Brakes	Shimano Altus CT92		
Brake levers	Alloy 4 finger		
Crankset	One piece type, 40T	1 piece	
Bottom bracket	One-piece type		
Pedals	Resin	9/16" axle	
Cassette	HG60 14-28	6spd	34.6 lb. 15.71kg
Chain	UG50	106 length, 3/32"	
Front hub	Alloy, nutted		
Front tire	Whitewall	26 x 2.0	
Rear hub	Alloy, nutted	Threaded, 6 speed, Nutted front & rear, 110mm O.L.D.	
Rear tire	Whitewall	26 x 2.0	
Tubes	Schraeder valve		
Front Rim	Alloy	PVC rim strip	
Rear Rim	Alloy	PVC rim strip	
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 265, 262/263 (D/ND)	
Saddle	Dual spring		
Seatpost	Steel, chrome plated	25.6mm diameter	
Seat binder			
Additionals	Kickstand, chainguard		
Colors	Sea Green/Dark Teal fade • White decal (men's/women's) Mirror Black • Rust Red decal (men's) Plum • Titanium decal (women's)		

Frame sizes	17	20	17W
Handlebar width	675	675	675
Stem length	40	40	40
Crank length			
Seatpost length	300	300	300
Steerer, mm	156	194	156
Fork Length	386mm axle-crown race		
Head angle	69.5	69.5	69.5
Seat angle	72.8	72.8	72.8
MM Standover	683	727	526
Seat tube	432	508	432
Head tube	120	155	120
Eff top tube	562	585	562
Reach	599	622	599
Chainstays	450	450	450
BB height	275	275	275
Offset	58	58	58
Trail	64	64	64
Wheelbase	1080	1105	1080
IN Standover	26.89	28.62	20.71
Seat tube	17.01	20.00	17.01
Head tube	4.72	6.10	4.72
Eff top tube	22.13	23.03	22.13
Reach	23.60	24.51	23.60
Chainstays	17.72	17.72	17.72
BB height	10.83	10.83	10.83
Offset	2.28	2.28	2.28
Trail	2.50	2.50	2.50
Wheelbase	42.52	43.50	42.52

CRUISER CLASSIC

OUR PRICE: $

Main tubes	Hi Tensile steel	
Stays	Hi Tensile steel	
Fork	Hi Tensile steel	
Headset	Steel	22.2/30.0/27.0
Handlebars	Cruiser, steel	25.4mm clamp diameter
Stem	Alloy/steel	22.2mm insertion
Grips	Kraton	
Brakes	Shimano coaster	
Brake levers	-	
Crankset	One piece type, 40T	1 piece
Bottom bracket	One-piece type	
Pedals	Resin	9/16" axle
Cassette	18T	1spd
Chain	KMC 410	100 length, 1/8"
Front hub	Alloy, nutted	
Front tire	Whitewall	26 x 2.0
Rear hub	Shimano coaster	Nutted front, Coaster rear, 110mm O.L.D.
Rear tire	Whitewall	26 x 2.0
Tubes	Schraeder valve	
Front Rim	Alloy	PVC rim strip
Rear Rim	Alloy	PVC rim strip
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 265, 261 (D/ND)
Saddle	Dual spring	
Seatpost	Steel, chrome plated	25.6mm diameter
Seat binder		
Additionals	Kickstand, chainguard	
Colors	Ice Royal Blue • White decal (men's/women's) Ice Red • Silver decal (men's) Pearl Turquoise • Metallic Plum decal (women's)	

	40
18	58

32.0 lb.
14.53kg

Frame sizes	17	20	17W
Handlebar width	675	675	675
Stem length	40	40	40
Crank length			
Seatpost length	300	300	300
Steerer, mm	156	191	156
Fork Length	386mm axle-crown race		
Head angle	69.5	69.5	69.5
Seat angle	72.8	72.8	72.8
MM Standover	683	727	526
Seat tube	432	508	432
Head tube	120	155	120
Eff top tube	562	585	562
Reach	599	622	599
Chainstays	450	450	450
BB height	275	275	275
Offset	58	58	58
Trail	64	64	64
Wheelbase	1080	1105	1080
IN Standover	26.89	28.62	20.71
Seat tube	17.01	20.00	17.01
Head tube	4.72	6.10	4.72
Eff top tube	22.13	23.03	22.13
Reach	23.60	24.51	23.60
Chainstays	17.72	17.72	17.72
BB height	10.83	10.83	10.83
Offset	2.28	2.28	2.28
Trail	2.50	2.50	2.50
Wheelbase	42.52	43.50	42.52

OUR PRICE: $

MT. TRACK 240

Main tubes	Hi Tensile steel w/Cro-Moly seat tube	
Stays	Hi Tensile steel	
Fork	RST 261	
Headset	VP H67W	22.2/30.0/27.0, 33.5mm stack
Handlebars	Steel, 50mm rise	25.4mm clamp diameter
Stem	Steel ATB	22.2mm insertion
Grips	Trek Paw design	
Shifters	GripShift MRX-170	
Front derailleur	Shimano Altus CT92	Down pull, 28.6mm/1 1/8"
Rear derailleur	Shimano Altus CT92 GS	
Brakes	Lee Chi TX33 direct pull	
Brake levers	Lee Chi LV77E direct pull	
Crankset	Shimano Altus CT92 42/34/24 w/chainguard, Riveted	
Bottom bracket	Shimano BB-CT92E	68 x 116
Pedals	Resin	9/16" axle
Cassette	Shimano HG50C 11-28	7spd
Chain	UG50	102 length, 3/32"
Front hub	Alloy, nutted	
Front tire	Knobby	24 x 2.0
Rear hub	Shimano Altus	HyperGlide cassette, 7 spd, nutted front & rear, 135mm O.L.D.
Rear tire	Knobby	24 x 2.0
Tubes	Schraeder valve	
Front Rim	Weinmann 519 alloy	Rubber rim strip
Rear Rim	Weinmann 519 alloy	Rubber rim strip
Spokes	14G stainless	36 spoke 3x Front, 36 spoke 3x Rear 239, 236/238 (D/ND)
Saddle	Padded w/Trek logo	
Seatpost	Alloy micro-adjust	26.6mm diameter
Seat binder	Cro-Moly M6 x 23.5	
Additionals	Rear derailleur guard	
Colors	Ice Mirror Red • Yellow decal	

	24	34	42
11	52	73	90
13	44	62	76
15	38	54	66
18	31	45	55
21	27	38	47
24	24	33	41
28	20	29	35

31.4 lb.
14.26kg

Frame sizes	13B	13G
Handlebar width	540	540
Stem length	80	80
Crank length	170	170
Seatpost length	300	250
Steerer, mm	117	117
Fork Length	377mm axle-crown race	
Head angle	70.0	70.0
Seat angle	72.0	72.0
MM Standover	615	550
Seat tube	335	335
Head tube	85	85
Eff top tube	527	527
Reach	567	567
Chainstays	406	406
BB height	275	275
Offset	45	45
Trail	62	62
Wheelbase	988	988
IN Standover	24.21	21.65
Seat tube	13.19	13.19
Head tube	3.35	3.35
Eff top tube	20.75	20.75
Reach	22.32	22.32
Chainstays	15.98	15.98
BB height	10.83	10.83
Offset	1.77	1.77
Trail	2.45	2.45
Wheelbase	38.90	38.90

MT. TRACK 220

OUR PRICE: $

Main tubes	Hi Tensile steel	
Stays	Hi Tensile steel	
Fork	Hi Tensile steel	
Headset	VP H67W	22.2/30.0/27.0, 33.5mm stack
Handlebars	Steel, 40mm rise	25.4mm clamp diameter
Stem	Steel ATB	22.2mm insertion
Grips	Trek Paw design	
Shifters	GripShift MRX-170	
Front derailleur	Shimano Altus CT92	Down pull, 28.6mm/1 1/8"
Rear derailleur	Shimano Tourney TY30	
Brakes	Lee Chi TX33 direct pull	
Brake levers	Lee Chi LV77E direct pull	
Crankset	Sugino XR17 42/34/24	Riveted
Bottom bracket	VP B31W	68
Pedals	Resin	9/16" axle
Cassette	Shimano HG22 14-28	6spd
Chain	UG50	102 length, 3/32"
Front hub	Alloy, nutted	
Front tire	Knobby	24 x 2.0
Rear hub	Alloy, nutted	Threaded, 6 speed, Nutted front & rear, 130mm O.L.D.
Rear tire	Knobby	24 x 2.0
Tubes	Schraeder valve	
Front Rim	Weinmann 519 alloy	Rubber rim strip
Rear Rim	Weinmann 519 alloy	Rubber rim strip
Spokes	14G UCP	36 spoke 3x Front, 36 spoke 3x Rear 239, 236/238 (D/ND)
Saddle	Padded w/Trek logo	
Seatpost	Alloy micro-adjust	26.6mm diameter
Additionals	Rear derailleur guard	
Colors	Ice Royal Blue • Silver decal (boy's) Ice Orange • Dark Purple decal (boy's) Team fade • Team Yellow decal (boy's) Ice Grape Purple • Pink decal (girl's) Ice Teal • Yellow decal (girl's)	

	24	34	42
14	40	57	71
16	35	50	62
18	31	45	55
21	27	38	47
24	24	33	41
28	20	29	35

29.2 lb.
13.26kg

	Frame sizes	13B	13G
	Handlebar width	540	540
	Stem length	80	80
	Crank length	170	170
	Seatpost length	300	300
	Steerer, mm	162	162
	Fork Length	350mm axle-crown race	
	Head angle	70.0	70.0
	Seat angle	72.0	72.0
MM	**Standover**	606	550
	Seat tube	335	335
	Head tube	90	90
	Eff top tube	528	528
	Reach	568	568
	Chainstays	406	406
	BB height	275	275
	Offset	45	45
	Trail	62	62
	Wheelbase	988	988
IN	**Standover**	23.86	21.65
	Seat tube	13.19	13.19
	Head tube	3.54	3.54
	Eff top tube	20.79	20.79
	Reach	22.36	22.36
	Chainstays	15.98	15.98
	BB height	10.83	10.83
	Offset	1.77	1.77
	Trail	2.45	2.45
	Wheelbase	38.90	38.90

OUR PRICE: $

MT. LION 60

Main tubes	Hi Tensile steel	
Stays	Hi Tensile steel	
Fork	Hi Tensile steel	
Headset	Steel	22.2/30.0/27.0
Handlebars	Steel, 50mm rise	25.4mm clamp diameter
Stem	Steel ATB	22.2mm insertion
Grips	Trek Paw design	
Shifters	GripShift MRX-170, right only	
Front derailleur	-	
Rear derailleur	Shimano Tourney TY22	
Brakes	Shimano Altus CT92	
Brake levers	Alloy	
Crankset	Three-piece type w/chainguard, 40T	1 piece
Bottom bracket	VP-B31W	68 x 30.5/52/30.5
Pedals	Resin	1/2" axle
Cassette	Shimano HG22 14-28	6spd
Chain	UG50	100 length, 3/32"
Front hub	Steel	
Front tire	Knobby	20 x 1.95
Rear hub	Steel	Threaded, 6 speed, Nutted front & rear, 125mm O.L.D.
Rear tire	Knobby	20 x 1.95
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G UCP	36 spoke 3x Front, 36 spoke 3x Rear 188, 185/187 (D/ND)
Saddle	Trek Paw design	
Seatpost	Steel, black	25.6mm diameter
Additionals	Rear derailleur guard, double chainring guards, kickstand	
Colors	Team fade • Team Yellow decal (boy's) Black • White decal (boy's) Ice Plum • White decal (girl's)	

	40
14	57
16	50
18	45
21	38
24	33
28	29

26.0 lb.
11.80kg

	Frame sizes	12B	12G
	Handlebar width	520	520
	Stem length	80	80
	Crank length	140	140
	Seatpost length	300	250
	Steerer, mm	132	132
	Fork Length	309mm axle-crown race	
	Head angle	70.0	70.0
	Seat angle	72.0	72.0
MM	**Standover**	562	505
	Seat tube	305	305
	Head tube	95	95
	Eff top tube	435	435
	Reach	475	510
	Chainstays	385	385
	BB height	267	267
	Offset	45	45
	Trail	46	46
	Wheelbase	885	885
IN	**Standover**	22.13	19.88
	Seat tube	12.01	12.01
	Head tube	3.74	3.74
	Eff top tube	17.13	17.13
	Reach	18.70	20.09
	Chainstays	15.16	15.16
	BB height	10.51	10.51
	Offset	1.77	1.77
	Trail	1.81	1.81
	Wheelbase	34.84	34.84

MT. LION 30

OUR PRICE: $

Main tubes	Hi Tensile steel		36
Stays	Hi Tensile steel		19 38
Fork	Hi Tensile steel		
Headset	Steel	21.2/32.5/27.0	
Handlebars	Steel BMX, 150mm rise	25.4mm clamp diameter	
Stem	4 bolt BMX, alloy top	21.2mm insertion	
Grips	Trek Paw design		
Brakes	Coaster, rear alloy sidepull		
Brake levers	Alloy/resin		
Crankset	One-piece type, 36T	1 piece	
Bottom bracket	One-piece type		
Pedals	Resin	1/2" axle	
Cassette	19T	1spd	
Chain	KMC 410	86 length, 1/8"	
Front hub	Steel		25.2 lb.
Front tire	Trek Paw design	20 x 2.0	11.44kg
Rear hub	Coaster brake	Nutted front, Coaster rear, 110mm O.L.D.	
Rear tire	Trek Paw design	20 x 2.0	
Tubes	Schraeder valve		
Front Rim	Steel	Rubber rim strip	
Rear Rim	Steel	Rubber rim strip	
Spokes	14G UCP	36 spoke 3x Front, 36 spoke 3x Rear 186, 184 (D/ND)	
Saddle	Trek Paw design		
Seatpost	Steel	22.2mm diameter	
Additionals	Chainguard, kickstand, and pads		
Colors	Ice Royal Blue • Red decal (boy's) Ice Red • Yellow decal (boy's) Vivid Purple • Yellow decal (girl's) Pink • Yellow decal (girl's)		

Frame sizes		9.5B	9.5G
Handlebar width		550	550
Stem length			
Crank length		115	115
Seatpost length		250	250
Steerer, mm		130	130
Fork Length		309mm axle-crown race	
Head angle		69.0	69.0
Seat angle		71.0	71.0
MM	**Standover**	507	467
	Seat tube	243	243
	Head tube	90	90
	Eff top tube	469	469
	Reach	469	469
	Chainstays	372	372
	BB height	255	255
	Offset	27	27
	Trail	70	70
	Wheelbase	883	833
IN	**Standover**	19.96	18.39
	Seat tube	9.57	9.57
	Head tube	3.54	3.54
	Eff top tube	18.46	18.46
	Reach	18.46	18.46
	Chainstays	14.65	14.65
	BB height	10.04	10.04
	Offset	1.06	1.06
	Trail	2.75	2.75
	Wheelbase	34.76	32.80

OUR PRICE: $

MT. CUB 16

Main tubes	Hi Tensile steel		32
Stays	Hi Tensile steel		19 26
Fork	Hi Tensile steel		
Headset	Steel	22.2/30.0/27.0	
Handlebars	Steel BMX, 130mm rise	25.4mm clamp diameter	
Stem	4 bolt BMX, alloy top	22.2mm insertion	
Grips	Trek Paw design		
Brakes	Coaster		
Brake levers	-		
Crankset	One-piece type, 32T	1 piece	
Bottom bracket	One-piece type	24 TPI	
Pedals	Resin	1/2" axle	
Cassette	19T	1spd	
Chain	KMC 410	74 length, 1/8"	
Front hub	Steel		24.0 lb.
Front tire	Trek Paw design	16 x 1.75	10.90kg
Rear hub	Coaster brake	Nutted front, Coaster rear, 110mm O.L.D.	
Rear tire	Trek Paw design	16 x 1.75	
Tubes	Schraeder valve		
Front Rim	Steel	Rubber rim strip	
Rear Rim	Steel	Rubber rim strip	
Spokes	14G UCP	28 spoke 4x Front, 28 spoke 4x Rear 138, 133 (D/ND)	
Saddle	Trek Paw design		
Seatpost	Steel	22.2mm diameter	
Additionals	Training wheels, chainguard, and pads		
Colors	Ice Royal Blue • Yellow decal (boy's) Ice Red • Royal Blue decal (boy's) Vivid Purple • Pink decal (girl's) Ice Pink • Yellow decal (girl's)		

Frame sizes		9B	9G
Handlebar width		510	510
Stem length			
Crank length		114	114
Seatpost length		220	220
Steerer, mm			
Fork Length		243mm axle-crown race	
Head angle		71.0	71.0
Seat angle		69.0	69.0
MM	**Standover**	435	410
	Seat tube	236	236
	Head tube	95	95
	Eff top tube	405	405
	Reach	405	405
	Chainstays	315	315
	BB height	208	208
	Offset	26	26
	Trail	41	41
	Wheelbase	741	741
IN	**Standover**	17.13	16.14
	Seat tube	9.29	9.29
	Head tube	3.74	3.74
	Eff top tube	15.94	15.94
	Reach	15.94	15.94
	Chainstays	12.40	12.40
	BB height	8.19	8.19
	Offset	1.02	1.02
	Trail	1.61	1.61
	Wheelbase	29.17	29.17

MT. CUB 12

OUR PRICE: $

Main tubes	Hi Tensile steel		28
Stays	Hi Tensile steel		19 18
Fork	Hi Tensile steel		
Headset	Steel	22.2/30.0/27.0	
Handlebars	Steel BMX, 130mm rise	25.4mm clamp diameter	
Stem	Steel	22.2mm insertion	
Grips	Trek Paw design		
Brakes	Coaster		
Brake levers	-		
Crankset	One-piece type, 28T	1 piece	
Bottom bracket	One-piece type	24TPI	
Pedals	Resin	1/2" axle	
Cassette	19T	1spd	
Chain	KMC 410	60 length, 1/8"	
Front hub	Steel		
Front tire	Trek Paw design	12.5 x 2.125	23.2 lb. 10.53kg
Rear hub	Coaster brake	Nutted front, Coaster rear, 110mm O.L.D.	
Rear tire	Trek Paw design	12.5 x 2.125	
Tubes	Schraeder valve		
Front Rim	Steel	Rubber rim strip	
Rear Rim	Steel	Rubber rim strip	
Spokes	14G UCP	20 spoke 2x Front, 20 spoke 2x Rear 87, 80 (D/ND)	
Saddle	Trek Paw design		
Seatpost	Steel	22.2mm diameter	
Additionals	Training wheels, chainguard, and pads		
Colors	Black • Lime Green decal (boy's)		
	Misty Pink • White decal (girl's)		

Frame sizes		8	8G
Handlebar width		480	480
Stem length			
Crank length		90	90
Seatpost length		200	200
Steerer, mm			
Fork Length		213mm axle-crown race	
Head angle		71.8	71.8
Seat angle		63.7	63.7
MM	**Standover**	396	396
	Seat tube	200	200
	Head tube	100	100
	Eff top tube	342	342
	Reach	342	342
	Chainstays	230	230
	BB height	189	189
	Offset	20	20
	Trail	30	30
	Wheelbase	560	560
IN	**Standover**	15.59	15.59
	Seat tube	7.87	7.87
	Head tube	3.94	3.94
	Eff top tube	13.46	13.46
	Reach	13.46	13.46
	Chainstays	9.06	9.06
	BB height	7.44	7.44
	Offset	0.79	0.79
	Trail	1.18	1.18
	Wheelbase	22.05	22.05

SUB ATOMIC

OUR PRICE: $

Main tubes	7005 heat treated aluminum		44
Stays	7000 series aluminum		16 55
Fork	Cro-Moly/Hi-Ten		
Headset	Dia-Compe SE-1 Aheadset	25.4/34.0/30.0, 24.5mm stack	
Handlebars	Trek	25.4mm clamp diameter	
Stem	Alloy 4 bolt Ahead	30.0mm steerer clamp height	
Grips	Trek logo, Kraton w/replaceable endcaps		
Brakes	VB-887 direct pull, rear		
Brake levers	281DT, right only		
Crankset	1-pc. type, 2pc. spider/sprocket, 44T	110mm bolt hole circle	
Bottom bracket	One-piece type	24 TPI	
Pedals	LU-313	1/2" axle	
Cassette	16T	1spd	
Chain	410A	90 length, 1/8"	
Front hub	Alloy, sealed		
Front tire	Knobby, Comp III style	20 x 2.125	24.0 lb. 10.90kg
Rear hub	Alloy, sealed	Threaded, 1 spd, nutted f/r , 110mm O.L.D.	
Rear tire	Knobby, Comp III style	20 x 1.75	
Tubes	Schraeder valve		
Front Rim	Aluminum alloy	Rubber rim strip	
Rear Rim	Aluminum alloy	Rubber rim strip	
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear 190, 188/188 (D/ND)	
Saddle	Trek padded		
Seatpost	Steel micro-adjust, chrome plated	26.8mm diameter	
Seat binder	Alloy 2 bolt		
Additionals	Chainguard		
Colors	Ball Burnished • White w/blue/yellow decal		
	Matte Grey Green • Light Blue w/yellow/black decal		

Frame sizes		Expert
Handlebar width		700
Stem length		50
Crank length		175
Seatpost length		350
Steerer, mm		152
Fork Length		286mm axle-crown race
Head angle		73.5
Seat angle		71.0
MM	**Standover**	
	Seat tube	203
	Head tube	100
	Eff top tube	501
	Reach	549
	Chainstays	382
	BB height	297
	Offset	33
	Trail	42
	Wheelbase	915
IN	**Standover**	
	Seat tube	7.99
	Head tube	3.94
	Eff top tube	19.72
	Reach	21.61
	Chainstays	15.04
	BB height	11.69
	Offset	1.30
	Trail	1.66
	Wheelbase	36.02

SUB ATOMIC SS

OUR PRICE: $

Main tubes	7005 heat treated aluminum	
Stays	7000 series aluminum	
Fork	Cro-Moly	
Headset	Dia-Compe SE-1 Aheadset	25.4/34.0/30.0, 24.5mm stack
Handlebars	Trek Cro-Moly	25.4mm clamp diameter
Stem	Alloy 4 bolt Ahead	30.0mm steerer clamp height
Grips	Trek logo, Kraton w/replaceable endcaps	
Brakes	Tektro 875A V-brake (rear)	
Brake levers	Tektro RBP-291A	
Crankset	1 pc. Cro-Moly, 2pc. spider/sprocket, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	LU-953	1/2" axle
Cassette	16T	1spd
Chain	410A	90 length, 1/8"
Front hub	Alloy, sealed	
Front tire	Knobby, Comp III style	20 x 2.125
Rear hub	Alloy, sealed	Threaded, 1 spd, nutted f/r , 110mm O.L.D.
Rear tire	Knobby, Comp III style	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear 188, 188/188 (D/ND)
Saddle	Trek padded	
Seatpost	Cro-Moly micro-adjust, chrome plated	26.8mm diameter
Seat binder	Alloy 2 bolt	
Additionals	Chainguard	
Colors	Matte Royal Blue • Yellow w/red/black decal Ball Burnished • Yellow w/red/teal decal	

	44
16	55

24.0 lb.
10.90kg

Frame sizes	Expert
Handlebar width	700
Stem length	50
Crank length	175
Seatpost length	350
Steerer, mm	162
Fork Length	286mm axle-crown race
Head angle	73.5
Seat angle	71.0
MM Standover	
Seat tube	229
Head tube	100
Eff top tube	546
Reach	594
Chainstays	420
BB height	297
Offset	33
Trail	42
Wheelbase	915
IN Standover	
Seat tube	9.02
Head tube	3.94
Eff top tube	21.50
Reach	23.38
Chainstays	16.54
BB height	11.69
Offset	1.30
Trail	1.66
Wheelbase	36.02

OUR PRICE: $

SUB CULTURE

Main tubes	7005 heat treated aluminum	
Stays	7000 series aluminum	
Fork	Cro-Moly	
Headset	Dia-Compe SE-1 Aheadset	25.4/34.0/30.0, 24.5mm stack
Handlebars	Cro-Moly	25.4mm clamp diameter
Stem	Alloy 4 bolt Ahead	30.0mm steerer clamp height
Grips	Trek logo, Kraton w/replaceable endcaps	
Brakes	Tektro 875A V brake (rear)	
Brake levers	Tektro RBP-291A	
Crankset	1 pc. Cro-Moly, 2pc. spider/sprocket, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	LU-953	1/2" axle
Cassette	16T	1spd
Chain	410A	90 length, 1/8"
Front hub	Alloy, sealed	
Front tire	Tioga Comp III skinwall	20 x 2.125
Rear hub	Alloy, sealed	Threaded, 1 spd, nutted f/r, 110mm O.L.D.
Rear tire	Tioga Comp III skinwall	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear 188, 188/188 (D/ND)
Saddle	Kevlar corners, Cro-Moly rails	
Seatpost	Cro-Moly micro-adjust, chrome plated	26.8mm diameter
Seat binder	Alloy 2 bolt	
Additionals	Chainguard	
Colors	Ball Burnished • Light blue/purple/lime decal	

	44
16	55

23.75 lb.
10.78kg

Frame sizes	Expert
Handlebar width	700
Stem length	55
Crank length	175
Seatpost length	350
Steerer, mm	162
Fork Length	286mm axle-crown race
Head angle	73.5
Seat angle	71.0
MM Standover	
Seat tube	229
Head tube	100
Eff top tube	546
Reach	599
Chainstays	420
BB height	297
Offset	33
Trail	42
Wheelbase	915
IN Standover	
Seat tube	9.02
Head tube	3.94
Eff top tube	21.50
Reach	23.57
Chainstays	16.54
BB height	11.69
Offset	1.30
Trail	1.66
Wheelbase	36.02

TEAM ISSUE 24

OUR PRICE: $

Main tubes	6061 T6 TIG aluminum	
Stays	6061 T6 TIG aluminum	
Fork	Cro-Moly, 1 1/4" tapered	
Headset	Aheadset	25.4/34.0/30.0, 33mm stack
Handlebars	Trek Cruiser	25.4mm clamp diameter
Stem	Trek Alloy Ahead	31.7mm steerer clamp height
Grips	Trek Kraton	
Brakes	VB-887 direct pull, rear	
Brake levers	281DT, right only	
Crankset	1 pc type, 2 pc. spider/ring, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	Platform, alloy	1/2" axle
Cassette	16T	1spd
Chain	Taya EA410	96 length, 1/8"
Front hub	KT alloy	
Front tire	Comp III Type	24 x 2.125
Rear hub	KT alloy	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Comp III Type	24 x 1.75
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear 238, 236/236 (D/ND)
Saddle	Trek padded	
Seatpost	Micro-adjust	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Colors	Platinum Silver • Metal Orange w/black/white decal	

44	
16	65

27.0 lb.
12.26kg

Frame sizes	Pro Cruiser
Handlebar width	700
Stem length	50
Crank length	170
Seatpost length	350
Steerer, mm	173
Fork Length	358mm axle-crown race
Head angle	71.5
Seat angle	70.5

MM	
Standover	
Seat tube	278
Head tube	110
Eff top tube	520
Reach	567
Chainstays	418
BB height	297
Offset	33
Trail	67
Wheelbase	1015

IN	
Standover	
Seat tube	10.94
Head tube	4.33
Eff top tube	20.47
Reach	22.34
Chainstays	16.46
BB height	11.69
Offset	1.30
Trail	2.62
Wheelbase	39.96

OUR PRICE: $

SUB DUDE

Main tubes	High tensile steel	
Stays	High tensile steel	
Fork	1 1/4" tapered	
Headset	Steel	21.2/32.5/27.0, 38.0mm stack
Handlebars	Trek	25.4mm clamp diameter
Stem	4 bolt BMX, alloy	21.2mm insertion
Grips	Trek Kraton	
Brakes	879 cantilever, rear	
Brake levers	257A-1, right only	
Crankset	1 pc type, 2 pc. spider/ring, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	Platform	1/2" axle
Cassette	16T	1spd
Chain	Taya TB410	88 length, 1/8"
Front hub	Formula	
Front tire	Comp III Type	20 x 1.75
Rear hub	Formula	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Comp III Type	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	PVC rim strip
Rear Rim	Aluminum alloy	PVC rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear 190, 187/187 (D/ND)
Saddle	Trek	
Seatpost	Trek	25.4mm diameter
Seat binder	Alloy w/integral bolt	28.6 clamp diameter
Colors	Ice Red • Team Yellow w/black/white decal Chrome • Lime w/bluegreen/white decal	

44	
16	55

26.1 lb.
11.85kg

Frame sizes	Expert
Handlebar width	700
Stem length	50
Crank length	170
Seatpost length	350
Steerer, mm	138
Fork Length	286mm axle-crown race
Head angle	73.5
Seat angle	71.0

MM	
Standover	
Seat tube	229
Head tube	100
Eff top tube	517
Reach	565
Chainstays	368
BB height	297
Offset	33
Trail	42
Wheelbase	912

IN	
Standover	
Seat tube	9.02
Head tube	3.94
Eff top tube	20.35
Reach	22.24
Chainstays	14.49
BB height	11.69
Offset	1.30
Trail	1.66
Wheelbase	35.91

SUB MISSION

OUR PRICE: $

Main tubes	Hi Tensile steel w/Cro-Moly seat tube	
Stays	High tensile steel	
Fork	1 1/4" tapered	
Headset	Aheadset	25.4/34.0/30.0, 33mm stack
Handlebars	Trek	25.4mm clamp diameter
Stem	Trek Alloy Ahead	31.7mm steerer clamp height
Grips	Trek Kraton	
Brakes	VB-885 direct pull, rear	
Brake levers	VL-281, right only	
Crankset	1 pc. type, 2 pc. spider/ring, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	Platform	1/2" axle
Cassette	16T	1spd
Chain	Taya EA410	88 length, 1/8"
Front hub	Formula	
Front tire	Comp III Type	20 x 2.125
Rear hub	Formula	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Comp III Type	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear
		190, 187/187 (D/ND)
Saddle	Trek padded	
Seatpost	Micro-adjust	25.4mm diameter
Seat binder	Alloy w/integral bolt	28.6 clamp diameter
Colors	Mellow Gold • Crimson w/black/white decal	
	Chrome • Lemon w/deep blue/white decal	

	44
16	55

25.9 lb.
11.76kg

Frame sizes		Expert
Handlebar width		710
Stem length		50
Crank length		170
Seatpost length		350
Steerer, mm		162
Fork Length		286mm axle-crown race
Head angle		73.5
Seat angle		71.0
MM	**Standover**	
	Seat tube	229
	Head tube	100
	Eff top tube	517
	Reach	565
	Chainstays	368
	BB height	297
	Offset	33
	Trail	42
	Wheelbase	912
IN	**Standover**	
	Seat tube	9.02
	Head tube	3.94
	Eff top tube	20.35
	Reach	22.24
	Chainstays	14.49
	BB height	11.69
	Offset	1.30
	Trail	1.66
	Wheelbase	35.91

SUB HEAD

OUR PRICE: $

Main tubes	Cro-Moly steel	
Stays	Cro-Moly steel	
Fork	Cro-Moly, 1 1/4" tapered	
Headset	Aheadset	25.4/34.0/30.0, 33mm stack
Handlebars	Trek Cro-Moly	25.4mm clamp diameter
Stem	Trek Alloy Ahead	31.7mm steerer clamp height
Grips	Trek Kraton	
Brakes	VB-887 direct pull, rear	
Brake levers	281DT, right only	
Crankset	1 pc. type, 2 pc. spider/ring, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	Platform, alloy	1/2" axle
Cassette	16T	1spd
Chain	Taya EA410	90 length, 1/8"
Front hub	KT alloy	
Front tire	Comp III Type	20 x 2.125
Rear hub	KT alloy	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Comp III Type	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear
		190, 187/187 (D/ND)
Saddle	Trek padded	
Seatpost	Micro-adjust	25.4mm diameter
Seat binder	Alloy w/integral bolt	28.6 clamp diameter
Colors	Tidal Blue • Sky Blue w/black/white decal	

	44
16	55

25.6 lb.
11.62kg

Frame sizes		Pro
Handlebar width		710
Stem length		50
Crank length		170
Seatpost length		350
Steerer, mm		162
Fork Length		286mm axle-crown race
Head angle		73.5
Seat angle		71.0
MM	**Standover**	
	Seat tube	229
	Head tube	100
	Eff top tube	520
	Reach	568
	Chainstays	375
	BB height	297
	Offset	33
	Trail	42
	Wheelbase	949
IN	**Standover**	
	Seat tube	9.02
	Head tube	3.94
	Eff top tube	20.47
	Reach	22.36
	Chainstays	14.76
	BB height	11.69
	Offset	1.30
	Trail	1.66
	Wheelbase	37.36

TEAM ISSUE 3

OUR PRICE: $

Main tubes	6061T6 TIG aluminum	
Stays	6061T6 TIG aluminum	
Fork	1 1/4" tapered	
Headset	Aheadset	25.4/34.0/30.0, 33mm stack
Handlebars	Trek	25.4mm clamp diameter
Stem	Trek Alloy Ahead	31.7mm steerer clamp height
Grips	Trek Kraton	
Brakes	VB-887 direct pull, rear	
Brake levers	281DT, right only	
Crankset	1 pc. type, 2 pc. spider/ring, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	Platform, alloy	1/2" axle
Cassette	16T	1spd
Chain	Taya EA410	90 length, 1/8"
Front hub	KT alloy	
Front tire	Comp III Type	20 x 2.125
Rear hub	KT alloy	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Comp III Type	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear 190, 187/187 (D/ND)
Saddle	Trek padded	
Seatpost	Micro-adjust	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Colors	Team Yellow • Red w/black/silver decal	

44
16 55

25.6 lb.
11.62kg

	Frame sizes	Pro
	Handlebar width	700
	Stem length	50
	Crank length	170
	Seatpost length	350
	Steerer, mm	173
	Fork Length	286mm axle-crown race
	Head angle	73.5
	Seat angle	71.0
MM	**Standover**	
	Seat tube	275
	Head tube	110
	Eff top tube	514
	Reach	562
	Chainstays	387
	BB height	292
	Offset	26
	Trail	49
	Wheelbase	921
IN	**Standover**	
	Seat tube	10.83
	Head tube	4.33
	Eff top tube	20.24
	Reach	22.12
	Chainstays	15.24
	BB height	11.50
	Offset	1.02
	Trail	1.95
	Wheelbase	36.26

TEAM ISSUE 2

OUR PRICE: $

Main tubes	6061T6 TIG aluminum	
Stays	6061T6 TIG aluminum	
Fork	Cro-Moly, 1 1/4" tapered	
Headset	Aheadset	25.4/34.0/30.0, 33mm stack
Handlebars	Trek Cro-Moly	25.4mm clamp diameter
Stem	Trek Alloy Ahead	31.7mm steerer clamp height
Grips	Trek Kraton	
Brakes	VB-887 direct pull, rear	
Brake levers	281DT, right only	
Crankset	1-pc. Cro-Moly, 2 pc. spider/ring, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	Platform	1/2" axle
Cassette	16T	1spd
Chain	Taya TB410	90 length, 1/8"
Front hub	Formula, alloy	
Front tire	Comp III Type	20 x 2.125
Rear hub	Formula, alloy	Cassette, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Comp III Type	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Araya 7X alloy	Rubber rim strip
Rear Rim	Araya 7X alloy	Rubber rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear 188, 188/188 (D/ND)
Saddle	Padded Kevlar, embroidered	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Colors	Blaze Red • Team Yellow w/black/white decal	

44
16 55

24.8 lb.
11.26kg

	Frame sizes	Pro XL
	Handlebar width	700
	Stem length	50
	Crank length	170
	Seatpost length	350
	Steerer, mm	173
	Fork Length	286mm axle-crown race
	Head angle	73.5
	Seat angle	71.0
MM	**Standover**	
	Seat tube	275
	Head tube	110
	Eff top tube	533
	Reach	581
	Chainstays	387
	BB height	292
	Offset	26
	Trail	49
	Wheelbase	940
IN	**Standover**	
	Seat tube	10.83
	Head tube	4.33
	Eff top tube	20.98
	Reach	22.87
	Chainstays	15.24
	BB height	11.50
	Offset	1.02
	Trail	1.95
	Wheelbase	37.01

TEAM ISSUE 1

OUR PRICE: $

Main tubes	6061T6 TIG aluminum	
Stays	6061T6 TIG aluminum	
Fork	Cro-Moly, 1 1/4" tapered	
Headset	Aheadset	25.4/34.0/30.0, 33mm stack
Handlebars	Trek Cro-Moly	25.4mm clamp diameter
Stem	Trek Alloy Ahead	31.7mm steerer clamp height
Grips	Trek Kraton	
Brakes	Shimano M600 V rear	
Brake levers	Shimano M600 V , right only	
Crankset	3-pc. Cro-Moly, Trek ring, 44T	110mm bolt hole circle
Bottom bracket	3-piece type, sealed	24 TPI
Pedals	Platform, alloy	9/16" axle
Cassette	16T	1spd
Chain	Taya TB400	90 length, 1/8"
Front hub	Formula alloy, sealed	
Front tire	Tioga Comp III	20 x 2.125
Rear hub	Formula, alloy, sealed	Cassette, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Tioga Comp III	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Araya 7X alloy	Rubber rim strip
Rear Rim	Araya 7X alloy	Rubber rim strip
Spokes	14G	36 spoke 3x Front, 36 spoke 3x Rear 188, 188/188 (D/ND)
Saddle	Padded Kevlar, embroidered	
Seatpost	Alloy micro-adjust	27.2mm diameter
Seat binder	Alloy w/integral bolt	35.0 clamp diameter
Colors	Black Pearl • Team Purple w/metal yellow.warm silver decal	

44	
16	55

24.7 lb.
11.21kg

	Frame sizes	Pro
	Handlebar width	710
	Stem length	50
	Crank length	170
	Seatpost length	350
	Steerer, mm	164
	Fork Length	286mm axle-crown race
	Head angle	73.5
	Seat angle	71.0
MM	**Standover**	
	Seat tube	275
	Head tube	110
	Eff top tube	533
	Reach	581
	Chainstays	387
	BB height	292
	Offset	26
	Trail	49
	Wheelbase	940
IN	**Standover**	
	Seat tube	10.83
	Head tube	4.33
	Eff top tube	20.98
	Reach	22.87
	Chainstays	15.24
	BB height	11.50
	Offset	1.02
	Trail	1.95
	Wheelbase	37.01

OUR PRICE: $

SUB SPECIES

Main tubes	Cro-Moly steel	
Stays	Cro-Moly steel	
Fork	Cro-Moly, 1 1/4" tapered	
Headset	Aheadset	25.4/34.0/30.0, 33mm stack
Handlebars	Trek Cro-Moly	25.4mm clamp diameter
Stem	Alloy Ahead type	31.7mm steerer clamp height
Grips	Trek Kraton	
Brakes	Tektro cantilever, rear	
Brake levers	Tektro 2-finger , right only	
Crankset	1-pc. Cro-Moly, 2 pc. spider/ring, 44T	110mm bolt hole circle
Bottom bracket	One-piece type	24 TPI
Pedals	Platform, alloy	1/2" axle
Cassette	16T	1spd
Chain	Taya TB400	90 length, 1/8"
Front hub	Formula alloy	
Front tire	Comp III type	20 x 2.125
Rear hub	Formula, alloy	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Comp III type	20 x 1.75
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	48 spoke 3x Front, 48 spoke 3x Rear 183, 183/182 (D/ND)
Saddle	Trek	
Seatpost	Cro-Moly micro-adjust	25.4mm diameter
Seat binder	Alloy w/integral bolt	28.6 clamp diameter
Colors	Matte Chrome • Lime w/crimson/black decal	

44	
16	55

23.8 lb.
10.81kg

	Frame sizes	Pro XL
	Handlebar width	700
	Stem length	50
	Crank length	170
	Seatpost length	350
	Steerer, mm	154
	Fork Length	286mm axle-crown race
	Head angle	73.5
	Seat angle	71.0
MM	**Standover**	
	Seat tube	229
	Head tube	102
	Eff top tube	533
	Reach	581
	Chainstays	387
	BB height	292
	Offset	33
	Trail	42
	Wheelbase	965
IN	**Standover**	
	Seat tube	9.02
	Head tube	4.02
	Eff top tube	20.98
	Reach	22.87
	Chainstays	15.24
	BB height	11.50
	Offset	1.30
	Trail	1.66
	Wheelbase	37.99

SUB VERT 1.0G

OUR PRICE: $

Main tubes	Hi Tensile steel w/Cro-Moly seat tube	
Stays	High tensile steel	
Fork	1 1/4" tapered	
Headset	Steel	21.2/32.5/27.0, 38.0mm stack
Handlebars	Freestyle	25.4mm clamp diameter
Stem	4 bolt BMX, alloy top	21.2mm insertion
Grips	Trek Kraton	
Brakes	Freestyle calipers f/r	
Brake levers	281DT	
Crankset	One-piece type, 44T	1 piece
Bottom bracket	One-piece type	24 TPI
Pedals	Platform	1/2" axle
Cassette	16T	1spd
Chain	Taya TB410	88 length, 1/8"
Front hub	KT alloy	
Front tire	Freestyle	20 x 1.9
Rear hub	KT alloy	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Freestyle	20 x 1.9
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	48 spoke 3x Front, 48 spoke 3x Rear 183, 183/182 (D/ND)
Saddle	Shorty	
Seatpost	Trek 90°	25.4mm diameter
Seat binder	Alloy w/integral bolt	28.6 clamp diameter
Additionals	Odyssey Gyro 2 rotor	
Colors	Mellow Gold • Cream w/fire/cream decal Chrome • Cream w/jade/black decal	

	44
16	55

26.8 lb.
12.17kg

Frame sizes	All-around
Handlebar width	685
Stem length	50
Crank length	170
Seatpost length	350
Steerer, mm	158
Spring #	
Fork Length	280mm axle-crown race
Head angle	75.0
Seat angle	74.0

MM	
Standover	
Seat tube	229
Head tube	115
Eff top tube	513
Reach	561
Chainstays	368
BB height	297
Offset	33
Trail	35
Wheelbase	919

IN	
Standover	
Seat tube	9.02
Head tube	4.53
Eff top tube	20.20
Reach	22.10
Chainstays	14.49
BB height	11.69
Offset	1.30
Trail	1.38
Wheelbase	36.18

SUB VERT 2.0G

OUR PRICE: $

Main tubes	Cro-Moly steel	
Stays	High tensile steel	
Fork	Cro-Moly 1 1/4" tapered	
Headset	Steel	21.2/32.5/27.0, 38.0mm stack
Handlebars	Freestyle	25.4mm clamp diameter
Stem	4 bolt BMX, alloy top	21.2mm insertion
Grips	Trek Kraton	
Brakes	Dia-Compe 990 f/r	
Brake levers	281DT	
Crankset	One-piece type, 44T	1 piece
Bottom bracket	One-piece type	24 TPI
Pedals	Platform, alloy	1/2" axle
Cassette	16T	1spd
Chain	Taya TB410	90 length, 1/8"
Front hub	KT alloy	
Front tire	Freestyle	20 x 1.9
Rear hub	KT alloy, 14mm axle	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Freestyle	20 x 1.9
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	48 spoke 3x Front, 48 spoke 3x Rear 183, 183/182 (D/ND)
Saddle	Shorty	
Seatpost	Trek 90°	25.4mm diameter
Seat binder	Alloy w/integral bolt	28.6 clamp diameter
Additionals	Odyssey Gyro 2 rotor, Trek pegs rear	
Colors	Team Purple • Cream w/moss/chive decal	

	44
16	55

26.4 lb.
11.99kg

Frame sizes	All-around
Handlebar width	700
Stem length	50
Crank length	170
Seatpost length	350
Steerer, mm	157
Fork Length	280mm axle-crown race
Head angle	75.0
Seat angle	74.0

MM	
Standover	
Seat tube	229
Head tube	115
Eff top tube	513
Reach	561
Chainstays	387
BB height	297
Offset	33
Trail	35
Wheelbase	919

IN	
Standover	
Seat tube	9.02
Head tube	4.53
Eff top tube	20.20
Reach	22.10
Chainstays	15.24
BB height	11.69
Offset	1.30
Trail	1.38
Wheelbase	36.18

SUB VERT 3.0G

OUR PRICE: $

Main tubes	Cro-Moly steel	
Stays	Cro-Moly steel	
Fork	Cro-Moly, 1 1/4" tapered	
Headset	Aheadset	21.2/32.5/27.0, 33mm stack
Handlebars	Freestyle Cro-Moly	25.4mm clamp diameter
Stem	Trek Alloy Ahead	31.7mm steerer clamp height
Grips	Trek Kraton	
Brakes	Dia-Compe 990 f/r	
Brake levers	Dia-Compe Tech77	
Crankset	1-pc. Cro-Moly, 44T	1 piece
Bottom bracket	One-piece type	24 TPI
Pedals	Platform, alloy	1/2" axle
Cassette	16T	1spd
Chain	Taya TB410	90 length, 1/8"
Front hub	KT alloy, 14mm axle	
Front tire	Freestyle	20 x 1.9
Rear hub	KT alloy, 14mm axle	Threaded, 1 speed, Nutted f/r, 110mm O.L.D.
Rear tire	Freestyle	20 x 1.9
Tubes	Schraeder valve	
Front Rim	Aluminum alloy	Rubber rim strip
Rear Rim	Aluminum alloy	Rubber rim strip
Spokes	14G	48 spoke 3x Front, 48 spoke 3x Rear 183, 183/182 (D/ND)
Saddle	Shorty	
Seatpost	Trek 90°	25.4mm diameter
Seat binder	Alloy w/integral bolt	28.6 clamp diameter
Additionals	Fishbone UFO rotor, Trek pegs front and rear	
Colors	Blue Moon • Cream w/moss abyss decal	

Frame sizes	All-around
Handlebar width	700
Stem length	50
Crank length	170
Seatpost length	350
Steerer, mm	191
Fork Length	280mm axle-crown race
Head angle	75.0
Seat angle	74.0

MM		
	Standover	
	Seat tube	229
	Head tube	115
	Eff top tube	520
	Reach	568
	Chainstays	387
	BB height	297
	Offset	33
	Trail	35
	Wheelbase	940

IN		
	Standover	
	Seat tube	9.02
	Head tube	4.53
	Eff top tube	20.47
	Reach	22.37
	Chainstays	15.24
	BB height	11.69
	Offset	1.30
	Trail	1.38
	Wheelbase	37.01

	44
16	55

26.2 lb.
11.89kg