

Diamond Back



DIAMOND BACK

Diamond Back

A W I N N I N G P H I L O S O P H Y

At Diamond Back, we build more than bicycles, we build tradition. Every Diamond Back is bred from our winning tradition of time tested, race proven quality. We were the first to use Chromoly frames in BMX. We made the first high performance production triathlon bike resulting in hundreds of major wins by triathlon



superstars Dave Scott and Mike Pigg. Our Mean Streak was one of the first and most successful production mountain bikes, and Diamond Back Mountain Bikes continue to dominate on the NORBA circuit, racking up win after win on some of the most brutal off-road courses the world has to offer. For 25 years we have had a simple philosophy that goes into every bicycle we build. Make them strong, make them fast, and make them built to last. No matter what type of Diamond Back bicycle you buy, from our rugged Mountain Bikes, to our

versatile Cross/ All Purpose Bikes, to our snazzy BMX models, with every pedal revolution you will feel the same quality and performance that goes into each and every Diamond Back.

For 1992, Diamond Back offers the most diverse line of bicycles ever. Whether you're a serious biker or are just out for a seriously good time, we have a bike for you. Our bicycles can open up a whole new world of fun and fitness for you and your family. There's no terrain too tough, no road too long, no hill too steep when you're on a Diamond Back. For your safety **ALL** Diamond Back bicycles conform to British Standard 6102.



"1991 Team Diamond Back—racing to win":
*Simon Kipling—Junior BMBF
 National Downhill Champion
 —N.E.M.B.A. series Junior Downhill
 Debby Thompson — Women Expert
 BMBF National Cross Country
 —Moore Large Series and N.E.M.B.A.
 series Expert Women Champion Cross
 Country.
 Peter Tomkins—Veteran Men
 N.E.M.B.A. series Downhill Champion.*

Diamond Back has been at the forefront since the earliest days of mountain bike racing.



Team Diamond Back UK Junior Racer Simon Kipling, victorious in the British Mountain Bike Federation National Downhill Championships, 1991.



You don't have to be a mountain biker to appreciate the fact that our countryside is being threatened.

The sport of mountain biking has brought renewed focus to our public lands. Diamond Back strongly supports and continues to develop programmes through the International Mountain Bicycling Association (IMBA) to help mountain bikers understand that they are the next generation of users who will carry on the legacy of preserving and protecting our countryside. IMBA's Rules of the Trail are based on common sense and should be heeded any time you're cycling in the country. 1) Ride on open trails only; 2) Leave no trace; 3) Control your bicycle at all times; 4) Always yield trail; 5) Never spook animals or livestock; 6) Plan ahead.

As a member of the countryside community, please do your part to present a responsible cycling image so that not only we have a place to ride, but so do our children.

We know you put a lot into your life. Be responsible when you ride. Please wear a helmet like the new Avenir Event.

Mountain Bikes

The most important thing at Diamond Back is performance – for every level of rider. We ride and race our bikes to learn what frame designs and component packages work, and which ones don't. This type of real world research and development helps us build the best handling, most reliable bike you can buy. Our specially designed True Temper® oversized, thin-wall, short butted tubing is lighter and stronger than ever. Chromoly steel is tough, stiff, and responsive, with a solid yet shock absorbing quality that allows you to ride longer with less fatigue. "Our Aluminium Mountain Bikes, crafted from 7000 series alloy, are exceptionally resistant to corrosion and have excellent strength to weight ratios." Frame size options have been improved for 1992. We have mountain bike frames as small as 14 inches and as big as 22 inches. Our specially designed Performance-sized frames all have sloping top tubes for increased standover height and better lateral stiffness; and with frame sizes in two inch increments, we can fit just about anybody on a 26 inch wheel mountain bike.

The Diamond Back Optimum Design System (ODS) is a way of thinking, a frame of mind. We combine time tested frame concepts and race proven components to bring you a bike that works in harmony. The result is a synergistic effect in which the whole is greater than the sum of its parts. Main features of ODS include double tapered Brake Booster seat stays for better rear brake power and modulation, wider 73mm bottom bracket for better rear tyre clearance, Unitrac steering with oversized head tube and 600mm radius fork for a firm yet shock absorbing front end. Component selection is also an extremely important function of ODS. We give you performance specific components to fit the needs of the rider. With our ODS performance specific frame and component features, you can be sure you're getting the most advanced, thoroughly proven designs and equipment Diamond Back has to offer.





For 1992 we have the most comprehensive array of frame and component features we have ever offered. Our Optimum Design System (ODS) has been expanded to compliment our already proven designs. ■ Brake Booster seat stays taper from an outside diameter of 19mm at the brake bridge, to 16mm at the top, down to 13mm at the drop out for increased stiffness and maximum braking performance. ■ 73mm wide bottom bracket shell makes more room for today's wider tyres and improves mud clearance. ■ Unitrac steering uses 1 1/8 inch oversized fork steering system which is stronger and lighter than a standard 1 inch steerer. Super Radius oversized fork with 600mm radius bend improves handling and control. ■ Top tube cable routing keeps cables up and out of harm's way. ■ Alloy seat collar and outer butted seat tube offer improved seat post function. ■ Sedis chains for super fast shifts and better reliability, and no special tools or pins are needed for installing or repairing. ■ Avenir

Duro 17 rims, featuring high



side walls for increased braking surface and better torsional stiffness, thicker centre section for increased strength at the spoke hole, and a radiused bead that resists pinch flatting. And at 410 grams, they're strong and very light.

Response Comp

RACE SERIES

For the rider with only two speeds—fast and faster. A racing frame made with specially selected True Temper short butt Chromoly tubing will improve your climbing efficiency and high-speed handling. The Marzocchi suspension fork will let you descend faster with more control. And with Shimano Deore XT with Rapidfire Plus, the Response Comp is uncompromised race equipment.



Available in
Metallic Silver Forest

Frame True Temper OX double-butted Chromoly tubing

Fork Marzocchi XC-200 hydraulic suspension

Group Shimano Deore XT, Rapidfire Plus

Wheel/Tyre Avenir Duro 17, Panaracer Smoke 2.1

Extras Avenir multi-position handle bar; SR Lowfat pedals with Avenir toe clips and straps; Shimano sealed cartridge bottom bracket

Weight 18" size. 28.2lbs. approx.



Marzocchi XC-200 Hydraulic Suspension

Response

RACE SERIES

*Because there's more than one way to win.
The Response is an uncompromised performer.*

The competition is tough, so we just got tougher. Dependable Marzocchi XC100 front suspension fork tames the terrain, while efficient Deore LX drive train with top mount DX thumb shifters makes shifting simple. Hand made TIG welded True Temper AVR double butted/short butt Chromoly frame is stiff and strong. Superlight Avenir multi-position handle bar and Tioga T-Bone TIG welded Chromoly stem make for a solid control centre.

Frame True Temper AVR double-butted Chromoly tubing
Fork Marzocchi XC-100 hydraulic suspension
Group Shimano Deore LX, DX top mount SIS thumb shifters
Wheel/Tyre Avenir Duro 17, Panaracer Smoke 2.1
Extras Dia-Compe XE01 low-profile cantilevers; SR Lowfat pedals with Avenir toe clips and straps; Shimano sealed cartridge bottom bracket
Weight 18" size. 28.5 lbs. approx.

True Temper AVR
Short Butt, Double-
Butted Tubing



Response

Matt Grey Splash (as photo)
Also available in Hot Yellow

Mountain bike suspension. For the serious off-road rider, you know that it's the way of the future. Diamond Back has it and now you can get it, too. It's the Marzocchi hydraulic fork.

Forty-five years of building suspension systems for Ferrari Formula 1 race cars and BMW motorcycles means that Marzocchi knows suspension. Diamond Back and Marzocchi have invested over a year and a half of research and development to come up with the most sophisticated, responsive and reliable mountain bike suspension fork available today.

The air sprung, oil damped design of the Marzocchi is the preferred method of suspension of today's elite professionals. Diamond Back and Marzocchi have developed the XC100 and XC200 models with a sophisticated floating piston that keeps air and oil separate to prevent foaming for even performance over all types of terrain. Both models use easy-access Schraeder valves for controlling air pressure, allowing the rider to infinitely fine-tune the fork to changing terrain conditions.

Marzocchi forks have an advanced damping system that makes them more effective over a broader range of terrain. Marzocchi's exclusive top-out valve controls the rebound response.

The dual independent low and high pressure valving progressively absorbs impacts from wash-board surfaces to heavy bumps.

With Diamond Back and Marzocchi, you're always in control!

M O U N T A I N B I K E S

Racing Team



Racing may not be for everybody, but it's an exhilarating test of strength, ability, and endurance for both athlete and bicycle. At Diamond Back, we're serious about racing, because we know that it helps us build better bikes. Race, Adventure, Cross or Sport, all our bikes benefit from the same racing heritage that makes them fun to ride and packed with performance.

Diamond Back's Pro Elite mountain bike team includes 1990 and 1991 NORBA National Points Series Silver Medallist Dave Wiens, 1990 NORBA National Champion and 1991 NORBA Points Series Bronze Medallist Susan DeMattei. The Diamond Back UK team has also been at the front of the races. Simon Kipling won the first national junior downhill title and woman expert rider Debby Thompson scored firsts in many of the 1991 series championship rounds. With top racers in the elite and veteran categories also Team Diamond Back have been hammering the competition at all levels of racing. Even our Diamond Back employees get into the act. Off-Road Product Development Manager Harry Leary, Factory Diamond Back BMX star and mountain bike Dual Slalom Champion, leads our own crew of dedicated mountain bike enthusiasts on regular R&D rides. You can be sure that the Diamond Back you buy has the entire Team Diamond Back seal of approval.

Axis Pro

RACE SERIES

If you're into minimum weight and maximum performance, the Axis Pro is your ticket to ride. Short butt Chromoly tubes are specially selected for each frame size and an internally-relieved bottom bracket and Tange Strut fork make a super light, super strong race frame. Add Shimano's XTR racing components and you've got one light-weight racing machine.



8-speed XTR Hyperglide Cassette

At the heart of the Axis Pro is newly designed True Temper OX large diameter, thin wall Chromoly tubing. Short butting puts stiffness where it's needed and reduces weight where it's not. The thin wall tubing absorbs shock while reducing overall rider fatigue over longer distances. What you get is unequalled acceleration and hill climbing performance, and handling characteristics that are straight and true. The new Tange Strut fork uses an oversized 1 1/8 inch steerer and Chromoly multiple butted blades that make it stronger and lighter than standard forks.

For shock absorption and straight tracking, a 600mm radius curved offset gives you the best balance of front end quickness and highspeed stability.

Bar ends are the hot ticket, right?

That's why we came up with the revolutionary Avenir multi-position one piece bar.

Made with heat-treated 6061 T-6 aluminium, it offers more hand



Available in Gloss Black

positions than

bar ends, and the curved ends won't pinch in on your hands. And at only 320 grams, it's far lighter than most bar/bar end combinations.

The Axis Pro also gets race-ready Shimano XTR components, including Rapidfire Plus XTR shifters, Shimano's new SHD front shifting, and eight-speed Hyperglide Cassette. The Axis Pro — if you're not on one, you're chasing one!

Frame True Temper OX double-butted Chromoly tubing

Fork Tange Strut, taper gauge, Unitrac, Super radius bend

Group Shimano XTR, 8-speed Rapidfire Plus

Wheel / Tyre Avenir Duro 17, Panaracer Smoke 2.1, Compe Kevlar

Extras Avenir multi-position handle bar; Selle Italia Turbo saddle; Shimano SHD front shifting and sealed cartridge bottom bracket

Weight 18" size. 25.5lbs. approx.

Tange Struts Fork, with Unitrac Taper Gauge Over-Size Blades, and Investment Cast Drop-outs



M O U N T A I N B I K E S

Axis

RACE SERIES

Time-tested, race-proven and built to last. The Axis has everything you need for all-out off-road performance.



Avenir Multi-Position
Handle bar

This classic race machine uses the same detailed frameset as the Axis Pro. Equipped with race-proven Shimano Deore XT with new Rapidfire Plus shifting, this is an unstoppable race/performance bike. Avenir multi-position handle bar is lighter than virtually any other handle bar/bar end set up while giving you handling versatility. Light and strong wheel set with hard-biting Smoke 2.1 tyres will carry you through any terrain.

Frame True Temper OX double-butted Chromoly tubing

Fork True Temper AVR Unitrac, Taper Gauge Super radius bend

Group Shimano Deore XT, Rapidfire Plus

Wheel/Tyre Avenir Duro 17, Panaracer Smoke 2.1

Extras Avenir multi-position handle bar; SR Lowfat pedals with Avenir toe clips and straps; Shimano Deore XT sealed cartridge bottom bracket

Weight 18" size. 26.6lbs. approx.

Available in Midnight Blue
(as shown) also in
Grey with Blue Pearl



Apex

PERFORMANCE SERIES

A true race bike that will help you reach your peak, fast. Hard climbs or fast descents, the Apex is ready for your every challenge.

MOUNTAIN BIKES



Brake Booster Seat Stays

Available in Midnight Red
(as shown) also in
Black Forest Spangle



The Apex has what it takes to get you to the finish of any off-road adventure. Dependable True Temper AVR tube sets are light-weight and lively. Frame weight has been reduced with short butted sections and a specially machined bottom bracket shell. The Shimano DX group is widely respected for its functional reliability and value, and its thumb shifters, two-finger brake levers, and narrow profile cantilever complement a truly performance-bred machine.

Frame True Temper AVR double-butted Chromoly tubing

Fork True Temper AVR Unitrac, Taper Gauge Super radius bend

Group Shimano Deore DX, SIS top mount thumb shifters

Wheel / Tyre Avenir Duro 17, Panaracer Smoke 2.1

Extras Avenir multi-position handle bar; light alloy pedals with Avenir toe clips and straps; Shimano sealed cartridge bottom bracket

Weight 18" size. 27lbs. approx.

Ascent EX

P E R F O R M A N C E S E R I E S

*How do you get to a higher level?
With determination, focus and the ascent –
All you need to see the forest and the trees*

LIMITED EDITION

100% Chromoly AVR
Unitrac Steering System



Here's a lively, rugged and responsive machine that will take you practically anywhere. The Ascent EX is ready for miles of dependable riding thanks to its 100% Chromoly frame/fork set and the highly reliable Shimano Deore LX Group Set.

- Frame** True Temper AVR double-butted Chromoly tubing
- Fork** True Temper AVR Unitrac, Super radius bend
- Group** Shimano Deore LX, Rapidfire S.T.I.
- Wheel/Tyre** Sun Metal L18, Tioga Wonder Dawg 26 x 1.95
- Extras** Shimano Deore LX Low Profile cantilevers. Sealed bottom bracket. Avenir clips/straps.

Available in
Black Tiger

Ascent EX

PERFORMANCE SERIES

For the rugged individualist. The Ascent EX is your passport to off-road adventure.

MOUNTAIN BIKES



Top Tube Routed Cables

Available in Neon Green Splash
(as shown) also in Deep Purple



Confidence-inspiring performance is what this 100% True Temper AVR double butted Chromoly frame is all about. The Ascent EX frame gets full ODS frame design features, selected short butt tube sets and specially machined bottom bracket for reduced weight and lively performance. True Temper AVR Unitrac fork provides positive steering control and durability. The component group is carefully selected for maximum trail performance and reliability.

Frame True Temper AVR double butted Chromoly tubing

Fork True Temper AVR Unitrac, Super radius bend

Group Shimano Deore LX, DX top mount SIS thumb shifters

Wheel/Tyre Sun Metal L-18, Tioga Wonder Dawg 26 x 1.95

Extras Dia-Compe XE01 low profile cantilever brakes; Forged alloy seat clamp; Tioga double sealed bottom bracket

Weight 18" size. 27.2lbs. approx.

Ascent

P E R F O R M A N C E S E R I E S

*Hills—Valleys—Ridges—Trails.
You find the location, we've designed
the bike to take you there (and back).*

LIMITED EDITION



Shimano 400LX
Chainwheel Set

Look no further for supreme performance at a realistic price. The limited edition Ascent will give you fun-thrills-excitement-confidence riding on varying terrain. Shimano's reliable 21 gears and powerful cantilever brakes let you ride with style and safety.

- Frame** 100% True Temper AVR Chromoly with brake booster™ seat stays
- Fork** True Temper AVR Unitrac, Super radius bend
- Group** Shimano 400 LX, Rapidfire S.T.I.
- Wheel / Tyre** Sun Metal L18, Tioga Wonder Dawg 26 × 1.95
- Extras** Shimano 400 LX low profile cantilevers. Optimum Design System frame.

Available in
White with
Black Spangle

Ascent

PERFORMANCE SERIES

Your off-road experience begins here. Don't let the bike you buy limit the journeys you take. The Ascent is a pure-bred off-road machine.

True Temper Double Butted
Seat Tube, Cold-Forged
Alloy Clamp



Available in Blue with
Gold Spangle (as shown)
also available in Gloss Black



Real off-road performance comes from a 100% True Temper Chromoly frame with double-butt short butt main tubes, and matched Unitrac 100% Chromoly TIG welded fork with oversized blades and Super radius bend. Added function comes from features such as the forged alloy seat clamp, oversized Tioga T-bone stem and Avenger headset. Quick-shifting Shimano Rapidfire under bar shifters and low profile cantilever brakes keep you in control.

Frame True Temper AVR double-butt Chromoly tubing

Fork True Temper AVR, Unitrac, Super radius bend

Group Shimano 400 LX, Rapidfire Plus

Wheel/Tyre Sun Metal L-18, Tioga Wonder Dawg 26 x 1.95

Extras Shimano M-201 low-profile cantilever brakes; Forged alloy seat clamp; Tioga double sealed bottom bracket

Weight 18" size, 27.9lbs approx.

Topanga

A D V E N T U R E S E R I E S

Break out of the ordinary. The Topanga is just what you need to take off-road excursions in stride.



100% Chromoly True Temper AVR Double-Butted main frame

Durable and fun, the Topanga has a 100% Chromoly frame with True Temper AVR double-butted main tubes, and a resilient AVR Super radius fork. The Unitrac steering system and Tioga Avenger oversized headset adds strength and lasting durability. Shimano Rapidfire STI under-bar mounted shifters and Hyperglide Cassette provide quick and easy shifts. Real off-road rubber keeps you going when the going gets rough.

- Frame** 100% Chromoly with True Temper AVR double-butted main frame
- Fork** True Temper AVR, Unitrac, Super radius bend
- Group** Shimano 300 LX, SIS. Rapidfire shifters
- Wheel/Tyre** Weinmann 2719 alloy rims, CST Mountain 26 x 1.95
- Extras** Avenir Gel saddle; Tioga sealed bottom bracket; Top tube cable routing
- Weight** 18" size. 28lbs. approx.

Available in Metallic Purple (as shown) also available in White with Fine Black Spangle



Sorrento

A D V E N T U R E S E R I E S

Built for the adventurous spirit in everyone. The Sorrento is an affordable, versatile bike with durability and comfort in mind.



Forks 100% AVR Chromoly.
Shimano 201 Cantilever Brakes

Available in Gloss Black with
Fine White Spangle (as shown)
also available in Race Red



The Sorrento's frame is designed with the same performance heritage and regard for durability as more expensive Diamond Back bikes. True Temper AVR double butted main frame and 100% Chromoly fork with oversized blades make this bike a true off-roader. Weinmann 2719 ATB alloy rims and mountain tread tyres are strong and stable, yet light enough to be responsive. Tough, lightweight components make maintaining your speed a breeze.

Frame True Temper AVR double-butted Chromoly main frame

Fork True Temper AVR, Unitrac, Super radius bend

Group Shimano 200GS, Rapidfire STI Shifting

Wheel / Tyre Weinmann 2719 alloy rims, CST Mountain 26 x 2.0

Extras Avenir Gel saddle; Plastic inner B.B. sleeve; Alloy micro-adjust seat post and crank

Weight 18" size. 28.4lbs. approx.

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Camarillo

A D V E N T U R E S E R I E S

A Mountain styled bicycle, giving fat-tired freedom for the young, and young at heart. The Camarillo is first in style, comfort, and fun.



The Camarillo keep the good times rolling with a sturdy True Temper Chromoly/high-tensile frame and high-tensile steel Unicrown fork. Shimano M100 derailleurs and rapidfire STI levers are smooth, reliable, and easy to operate. The Shimano crank set combined with alloy rims and hubs keep the bike light and agile, while the 2.0-inch wide tyres make the ride sure and comfortable, even in the rough stuff.

- Frame** True Temper Chromoly/
Hi-Tensile steel
- Fork** Hi-Tensile Unicrown
- Group** Shimano M100, STI
Rapidfire shifters
- Wheel/Tyre** Weinmann 2719 alloy
rims, CST Mountain
26 x 2.0
- Extras** Padded anatomic saddle,
Quick release front wheel.
Oversized top-down tubes.

Available in both Gents and Ladies
Grey with Blue Splash
and Reflex Blue

Camarillo

A D V E N T U R E S E R I E S

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Aluminium

MOUNTAIN BIKES

What do you find when you are looking for a mountain bike that stands out from the crowd; a bike with show and pizzaz as well as performance?

You find one of our 1992 aluminium mountain bikes. Oversized, thin-walled tubes make frames that are stiffer than steel, lighter than steel.

Diamond Back's aluminium mountain bikes, the ARRIVAL DX and ARRIVAL 300LX both feature 7000 series alloy frames. This is an alloy of aluminium, magnesium and silicon. It is exceptionally resistant to corrosion whilst holding excellent strength to weight ratios.

Both bikes are T.I.G. (Tungsten Inert Gas) welded for superior strength. The DX features a massive oval-round-oval orientated down tube. This saves weight, improves stiffness and strength by offering a bigger weld area on the head tube and bottom bracket.

Although strategically built to be stiff, the aluminium material of the frame seems to 'soak up' shock better than steel bikes are able to do.

So the combination of Diamond Back's 'Unitrac' steering system and aluminium technology, gives you bikes that are tough – stiff – lightweight and are great to ride.



Arrival DX

ALUMINIUM SERIES

Top end Aluminium has arrived in spectacular form: Oversize, orientated, DX equipped: Action Packed!



7000 Series Aluminium
Oval-Round-Oval Down Tube.

Available in
Grey with Blue Pearl

Diamond Back's Arrival DX mountain bike gives performance with a new outlook on the frame design itself. The Arrival DX uses 7000 series alloy and features our 'Unitrac' steering system. 73mm bottom bracket allows more space for the rear wheel and aggressive off road tyres like the Smoke 2.1.

- Frame** 7000 series over-sized aluminium. TIG welded oval-round-oval orientated down tube. 73mm BB.
- Fork** 100% true temper CR-MO AVR oversize Unitrac.
- Group** Shimano Deore DX.
- Wheel/ Tyre** Avenir Duro 17 rims. Deore DX hubs 32 hole front. Panaracer Smoke 26 x 2.10 tyres.
- Extras** Shimano top pull front derailleur. Cartridge bottom bracket. Avenir multi-position handlebar.

Arrival LX

ALUMINIUM SERIES

Wild Times Ahead. Spin out and find how good your first aluminium mountain bike will feel.

Rear Seat Cluster
with Q.R. Seat
Post Clamp



The excitement of aluminium is now affordable with the Arrival 300 LX. Retaining the high specification of a 7000 series alloy frame it also features extra rear end clearance afforded by the 73mm bottom bracket. The 300 LX Shimano group set with STI rapidfire under bar gear shifter will make you a sure hot shot rider.

Frame 7000 series oversized aluminium. TIG welded, 73mm BB.

Fork 100% true temper CR-MO AVR oversize Unitrac. Chisel cut ends.

Group Shimano 300 LX with 500LX hubs, STI.

Wheel / Tyre Weinmann 2719 alloy rims, CST skinwall tyres.

Extras Triple sealed Tioga head set. Avenir CR-MO handlebars. Avenir gel saddle.

Available in
White with Blue Splash

Cross Bikes

A N D A L L P U R P O S E B I K E S



What do you get when you take the ruggedness of our mountain bikes and combine it with the spirited performance of our road bikes? Simply the most versatile, agile cross terrain bicycle in the world! With Diamond Back's Cross/All Purpose Bike line, we have expanded your cycling horizons even further. At Diamond Back, we know there's more than one kind of mountain.

The same technology that goes into our mountain and road bikes is blended to create our Cross/All Purpose Bike line (APB™). Sleek yet sturdy, there are six bikes to choose from. Starting with our mountain-taming Overdrive Comp and Overdrive, these 700c SuperCross bikes are for the rider who wants high-speed off-road performance.

All cross models roll fast on lightweight 700c wheels and all-terrain tyres. When you get off-road, our cross terrain tyres will hold their own without holding you up. A wide gear range allows you to fine-tune your pedalling cadence while taking on more types of terrain. The more upright position is easy on your back and allows you to stay on the bike longer with less fatigue. For even more control, we have equipped two of our APB models with the easy-to-use Grip Shift shifting system, allowing you to shift gears with a simple twist of your wrist.

At Diamond Back, we're not just improving bicycle technology, we're evolving the entire bicycle. Cross training, commuting, or just pleasure riding is more fun on a Diamond Back Cross bike.

Overdrive Comp

S U P E R C R O S S S E R I E S

This is a new concept in bicycle performance for the accomplished off-road cyclist who wants it all. Durable, lightweight and agile, the Overdrive Comp conquers anything that comes your way. Larger diameter 700c wheels and Panaracer Smoke tyres roll over, not into, off-road obstacles, making this SuperCross mountain bike truly all-terrain.



Suntour XC-Pro Micro Drive
Crankset 20/32/42T, 11x24T
Cassette, and Quick Shifting Short
Cage Derailleur

You don't always have to ride in the mountains to ride a mountain bike, and mountain bikes don't always have to use 26 inch wheels. Our SuperCross 700c bike is designed for skilled off road riders who are looking for high speed performance. The bigger wheels act as natural shock absorbers, rolling over obstacles rather than into them. No matter how rugged the terrain, the oversized, TIG welded True Temper Chromoly frame and Unitrac fork can take it. In fact, the 700c SuperCross bike is the ultimate off-roader for the trail riding majority, handling a wider variety of terrain faster and more smoothly than any 26 inch wheel mountain bike.

We've equipped both SuperCross bikes with 700c x 45 Panaracer Smokes. You heard right, 700c x 45. With the

Smoke's softer rubber compound, you get the kind of cornering you need for true off-road performance.

The new Suntour XC Pro Micro Drive group gives you state-of-the-art shifting in a miniaturized package. You get the same gear ratios, but with better chainring clearance at the bottom bracket and chainstays. And with everything smaller, it's also lighter.

The Overdrive Comp is a high-performance dream machine that has all the bases covered. It's fast and tough enough for any kind of terrain. Get on the Overdrive Comp and go where you've never gone before!



Frame True Temper OX double-buttressed Chromoly tubing

Fork True Temper OX, taper gauge, Unitrac, Super radius bend

Group Suntour XC Pro Micro Drive, with Grease Guard

Wheel/Tyre Avenir Duro 7-17, New Panaracer Smoke 700c x 45c

Extras Avenir multi-position handle bar; Selle Italia Turbo saddle; Grease Guard components

Available in
Metallic
Silver Forest

Overdrive

S U P E R C R O S S S E R I E S

There's more than one road less travelled. With the Overdrive, you can ride them all.



New Panaracer Smoke 700×45c and Avenir Duro 7-17 Alloy Rim

Available in
Gloss Black

Speed, durability, and responsiveness. All the things you look for in a true all-terrain bike are in the Overdrive. This SuperCross model is equipped with the race-proven Deore DX SIS system for high-performance and all-terrain reliability. Newly designed Avenir Duro 7-17 rims and 700c Smoke 45 tyres give this bike the speed, handling and traction you want in a bike that can do everything. Anywhere you want to ride, do it on a Overdrive.

Frame True Temper AVR double-butted Chromoly tubing

Fork True Temper AVR, taper gauge, Unitrac, Super radius bend

Group Shimano Deore DX, with SIS thumb shifters, and sealed cartridge bottom bracket

Wheel / Tyre Avenir Duro 7-17, New Panaracer Smoke 700 × 45c

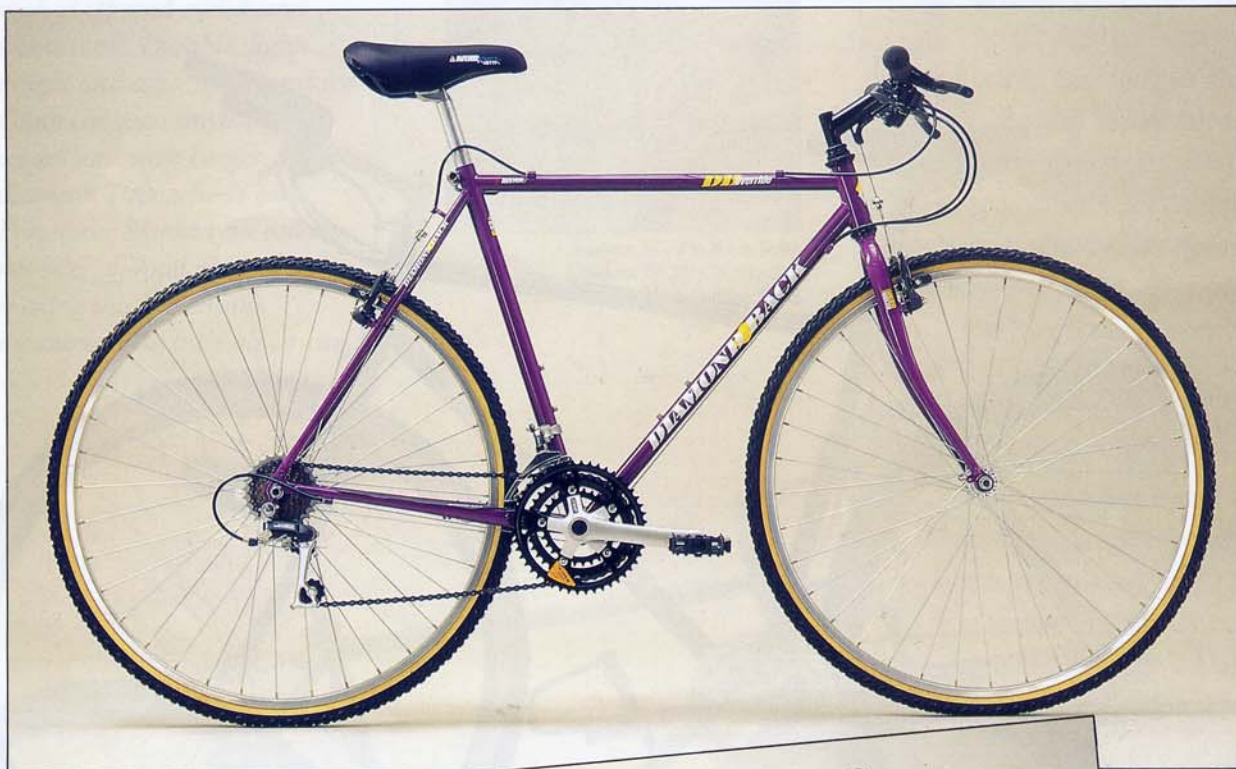
Extras Avenir multi-position handle bar; Selle Italia Turbo saddle; SR low fat pedals with Avenir toe clips and straps

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Override

PERFORMANCE SERIES

As serious about working out as you are. The Override spells fitness cycling performance on the road or trail.



When you reach the end of the road, keep going. The Override is tough enough to finesse just about any surface that comes your way. From city streets to mountain trails. The Override is truly an all purpose, all terrain bike.

Scope It Out: Light gauge Chromoly frame and fork. Shimano 300 LX group with 7-speed hyperglide shifting and low profile brakes with 3-finger levers. 700x38c tyres. Avenir lycra gel saddle.

Frame Main tubes CR-MO, TIG welded, fast back dropouts with eyelets. Two sets of water bottle bosses

Fork Unicrown. Chromoly blades TIG welded

Group Shimano 300 LX 21 speed STI

Wheel/Tyre Alesa 700c alloy. CST town and country pattern 700x38c tyres. Alloy, quick release.

Available in Gents and Ladies in Plum

Ambition

A D V E N T U R E S E R I E S

Reach your fun and fitness goals the fast and easy way. Your new Ambition is limitless in how far it can go.



Available in Gents and Ladies
White with Blue Splash

The Ambition makes it easy to have fun and get a good workout. The True Temper Chromoly main frame is lightweight and responsive. For ease and total control, the Grip Shift shifters do the gear changing, while Shimano 200CX components, featuring alloy crank set, provide flawless performance. Quick, light Weinmann alloy rims and CST 38c all-terrain tyres take you over things you might have avoided on other bikes.

Frame True Temper Chromoly main tubes

Fork 100% Chromoly Uncrown, Aero blades, Super radius bend

Group Shimano 200CX with Grip Shift

Wheel / Tyre Weinmann 2719 alloy rims, CST 700 x 38 skinwall

Extras Sealed bottom bracket; Avenir Gel saddle; Quick release front and rear wheels

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Approach

A D V E N T U R E S E R I E S

How much fun you have is up to you. Built for the quick trip or the long haul, the Approach does it all.



The Approach's sturdy True Temper frame is specially designed for fitness or commuting. Easy-to-use Grip shift shifters make gear changes simple, especially when they're matched up with the new Shimano M100 group. This group features 21-speed wide range gearing for any terrain. Powerful cantilever brakes provide plenty of stopping power, and rugged 38c gumwall tyres deliver good traction on almost any terrain.

Frame True Temper Chromoly / Hi-tensile steel tubing

Fork Hi-Tensile steel Unicrown, Aero blades

Group Shimano M100, with Grip Shift

Wheel / Tyre Weinmann 2719 alloy rims, CST 700c x 38 skinwall

Extras Avenir Gel saddle; Quick release front and rear hubs; Rear rack braze ons

Available in Gents and Ladies
Grey with Blue Splash

Allure 18

SPORTS SERIES

*A stable, comfortable and durable cross/all purpose bike.
Built with all the quality, heritage and value found in all
Diamond Back bicycles.*



Available in Gents and Ladies
Blue with Gold Spangle

The Allure is an affordable, comfortable, easy-to-ride all purpose bike that has features not often found in this price range. The True Temper Chromoly/hi-tensile frame and high tensile Unicrown fork are light yet reliable. The Weinmann alloy rims are strong and quick, while 38c gumwall tyres are rugged and deliver great traction on both pavement and dirt. For comfortable riding mile after mile, try the Allure.

Frame True Temper Chromoly/
Hi-Tensile steel tubing

Fork Hi-Tensile steel Unicrown,
Aero blades

Group Shimano Tourney with SIS
index shifting, 18 speeds

Wheel / Tyre Weinmann 2115 alloy rims,
CST 700c x 38 gumwall

Extras Alloy cantilever brakes;
Quick release front hub;
Rear rack braze ons

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Allure 12

SPORTS SERIES

Easy freedom in the simplest of terms, the Allure 12 is made for comfortable uncomplicated and uncompromised fun cycling.



The 12 speed Allure is a sure way to get into the new mode of riding a bicycle. The uncomplicated option of the Shimano Tourney gear system and well specified frame and wheels gives you easy access to all purpose riding.

Frame True Temper Chromoly / Hi-tensile steel tubing

Fork Hi-Tensile steel Unicrown, Aero blades

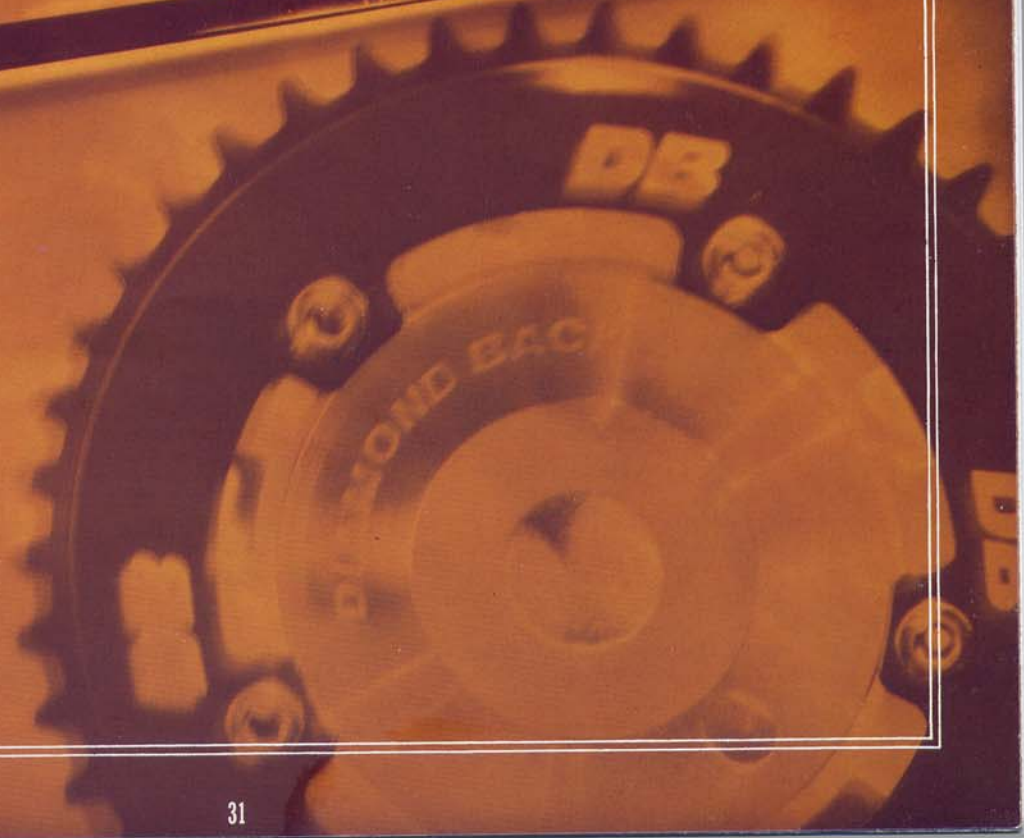
Group Shimano Tourney with SIS index shifting, 12 speeds.

Wheel / Tyre Weinmann 2115 alloy rims, CST 700c x 38 gumwall

Extras Alloy cantilever brakes; Quick release front hub; Rear rack braze ons

Available in Gents and Ladies in Metallic Purple

BMX



assault

- DB reactor geometry Cromoly 3 main tubes
- DB chrome plated bars
- Dia-Compe Bulldog alloy braking system
- DB forged 175mm CP quick change spider crankset
- Alloy 7X style rims, heavy duty hubs
- Super Lite air flow saddle



viper 6

- DB large diameter hi-tension tubing
- DB chrome plated bars
- Dia-Compe Bulldog alloy braking system
- DB forged full polished chrome plated crankset
- DB chrome plated 7X rims, heavy duty hubs
- DB padded anatomic saddle
- Shimano SIS 6 speed Hyperglide gears



viper

- DB large diameter hi-tension tubing
- DB chrome plated bars
- Dia-Compe Bulldog alloy braking system
- DB forged chrome plated crankset
- DB chrome plated 7X rims, heavy duty rims
- DB Super Lite air flow saddle



viper

	Response Comp	Response	Axis Pro	Axis	Apex	Ascent EX Ltd	Ascent EX	Ascent Ltd	Ascent	Topanga
Frame	100% True Temper OX special short butt, double-butted CR-MO tubing. Fastback Brake Booster™ seat stays. 73mm BB shell. Three water bottle mounts. Lighter weight internally relieved bottom bracket shell.	100% True Temper AVR special short butt, double-butted CR-MO tubing. Fastback Brake Booster™ seat stays. 73mm BB shell. Three water bottle mounts. Lighter weight internally relieved bottom bracket shell.	100% True Temper OX special short butt, double-butted CR-MO tubing. Fastback Brake Booster™ seat stays. 73mm BB shell. Three water bottle mounts. Lighter weight internally relieved bottom bracket shell.	100% True Temper OX special short butt, double-butted CR-MO tubing. Fastback Brake Booster™ seat stays. 73mm BB shell. Three water bottle mounts. Lighter weight internally relieved bottom bracket shell.	100% True Temper AVR special short butt, double-butted CR-MO tubing. Fastback Brake Booster™ seat stays. 73mm BB shell. Three water bottle mounts. Lighter weight internally relieved bottom bracket shell.	New True Temper AVR double-butted CR-MO mountain tubing. Brake Booster™ seat stays, TIG welded. DB Fastback dropouts w/ eyelets. 73mm BB shell. Braze-ons: two water bottle mounts, rear carrier and fender mounts.	100% True Temper AVR special short butt, double-butted CR-MO tubing. Fastback Brake Booster™ seat stays. 73mm BB shell. Three water bottle mounts. Lighter weight internally relieved bottom bracket shell.	New True Temper AVR double-butted 100% CR-MO main tubes, all others AVR CROMOLY. Brake Booster seat stays, TIG welded. DB Fastback Dropouts w/ eyelets. 73mm BB shell. Braze-ons: two water bottle mounts, rear carrier mounts.	100% True Temper AVR special short butt, double butted three main tubes. 73mm BB shell. Two water bottle mounts. Rear carrier mounts. DB forged fastback drop-outs.	100% CR-MO True Temper AVR special short butt, double butted main tubes. Two sets water bottle mounts. Rack Mounts DB forged fastback drop-outs.
Fork	Marzocchi, model XC-200. 40mm travel. Triple stage damping. Separate oil/air chamber. Air adjustable compression.*	Marzocchi, model XC-100†. 40 mm travel. Dual stage damping. Separate oil/air chamber. Air adjustable compression.*	New Tange Strut. 100% CR-MO. Large diameter taper gauge blades. 600mm radius curved offset. Investment cast ends. TIG welded.	True Temper AVR CR-MO Unitrac 28.6mm taper gauge blades w/ 600mm radius bend. TIG welded.	True Temper AVR CR-MO Unitrac 28.6mm taper gauge blades w/ 600mm radius bend. TIG welded.	New True Temper AVR 100% CR-MO. Unitrac large diameter blades, 28.6mm w/600 radius curved offset. Chisel cut ends	True Temper AVR CR-MO Unitrac 28.6mm blades w/ 600mm radius bend. TIG welded.	100% CR-MO. Unitrac large diameter blades. 28.6mm w/600 radius curved offset. Chisel cut ends.	True Temper AVR CR-MO Unitrac 28.6mm blades w/ 600mm radius bend, TIG welded.	True Temper AVR CR-MO Unitrac 28.6mm blades w/ 600mm radius bend, TIG welded.
Wheels Rims	Avenir Duro 17. Double wall, narrow, alloy. Duraconic finish. Presta.	Avenir Duro 17. Double wall, narrow, alloy. Duraconic finish. Presta.	Avenir Duro 17. Double wall, narrow, alloy. Duraconic finish. Presta.	Avenir Duro 17. Double wall, narrow, alloy. Duraconic finish. Presta.	Avenir Duro 17. Double wall, narrow, alloy. Duraconic finish. Presta.	Sunmetal L18. Narrow, alloy, 32 and 36 hole.	Sun Metal L-18. Narrow, alloy, anodised.	Sun Metal/ Avenir L-18 silver anodised narrow section. 32 + 36 hole.	Sun Metal L-18. Narrow, alloy, silver.	Weimann 2719. Alloy, polished.
Hubs	Shimano Deore XT. Alloy, small flange, sealed. Freehub. QR 32H front and 36H rear.	Shimano 500LX. Alloy, small flange, sealed. Freehub. QR 32H front and 36H rear.	New Shimano XTR. Alloy, small flange, sealed. Freehub. QR 32H front and 36H rear.	Shimano Deore XT. Alloy, small flange, sealed. Freehub. QR 32H front and 36H rear.	Shimano Deore DX. Alloy, small flange, sealed. Freehub. QR 32H front and 36H rear.	Shimano Deore LX. Alloy, small flange, sealed. Freehub, quick release 32 hole front and 36 hole rear.	Shimano 500LX. Alloy, small flange, sealed. Freehub. QR 32H front and 36H rear.	Shimano Exage, alloy, small flange, Freehub sealed, quick release 32 hole front and 36 hole rear.	Shimano 500 LX. Alloy, small flange, sealed. Freehub. QR 32H front and 36H rear.	Shimano 500 LX. Alloy, small flange, sealed. Freehub. QR 32H front and 36H rear.
Spokes	14 gauge stainless, double-butted. Short 11mm nipple.	14 gauge stainless.	14/15/14 gauge butted stainless. Short 11mm nipple.	14 gauge stainless.	14 gauge stainless.	14 gauge stainless.	14 gauge stainless.	14 gauge.	14 gauge stainless.	14 gauge UCP.
Tyres	Panaracer Smoke 26 x 2.10	Panaracer Smoke 26 x 2.10	Panaracer Smoke Compe Kevlar 26 x 2.10	Panaracer Smoke 26 x 2.10	Panaracer Smoke 26 x 2.10	New Tioga Wonder Dawg, 26 x 1.95	Tioga Wonder Dawg, 26 x 1.95.	New Tioga Wonder Dawg, 26 x 1.95.	Tioga Wonder Dawg, 26 x 1.95.	CST mountain tread, high density skinnal 26 x 1.95.
Drivetrain Derailleur	Rear - Shimano Deore XT. Front - Shimano Deore XT, top pull.	Rear - Shimano Deore LX. Front - Shimano Deore DX, top pull.	Rear - New Shimano XTR. 8-speed. Front - New Shimano XTR SHD, top pull.	Rear - Shimano Deore XT. Front - Shimano Deore XT, top pull.	Rear - Shimano Deore DX. Front - Shimano Deore DX, top pull.	Shimano Deore LX. Front and rear.	Rear - Shimano Deore LX. Front - Shimano Exage LX, top pull.	Rear - Shimano 400LX Front - Shimano 300 LX.	Rear - Shimano 400 LX SIS. Front - Shimano Exage LX, top pull.	Rear - Shimano 300 LX SIS. Front - Shimano Exage LX, top pull.
Shifters	New Deore XT Rapid Fire Plus; thumb/index finger activated shifter.	Shimano Deore DX top mount thumb shifters.	New Shimano XTR Rapid Fire Plus; thumb/index finger activated shifter.	New Shimano Rapid-Fire Plus; thumb/index finger activated shifter.	Deore DX top mount thumb shifters.	Shimano Deore LX STI Rapidfire, mounted under handlebar.	Deore DX top mount thumb shifters.	Shimano 400 LX STI Rapidfire, mounted under handle bar.	Shimano STI Rapidfire, mounted under handlebar.	Shimano STI Rapidfire, mounted under handlebar.
Chain	Sedisport ATB.	Sedisport GT.	Sedisport ATB. Silver/black.	Sedisport ATB. Silver/black.	Sedisport GT.	Shimano Hyperglide.	Sedisport GT.	Shimano/KMC Hyperglide.	Sedisport GT.	Sedisport GT.
Crankset	Shimano Deore XT w/ round Superglide 24/36/46T. Anatomically sized. Shimano sealed cartridge bottom bracket.	Shimano Deore LX w/ round Superglide 24/36/46T. Anatomically sized. Shimano sealed cartridge bottom bracket.	New Shimano XTR w/ SHD w/ round 24/36/46T. Anatomically sized. New sealed Shimano XTR SHD cartridge bottom bracket.	Shimano Deore XT w/ round Superglide 24/36/46T. Anatomically sized. Shimano Deore XT sealed cartridge bottom bracket.	Shimano Deore DX w/ round Superglide 24/36/46T. Anatomically sized. Shimano sealed cartridge bottom bracket.	Shimano Deore LX w/ round Superglide rings 24/36/46T. Anatomically sized. Tange sealed bottom bracket. Tioga OS spindle.	Shimano Deore LX w/ round Superglide 24/36/46T. Anatomically sized. Tioga double-sealed bottom bracket w/ plastic inner sleeve. Tioga OS CR-MO spindle. bolt type.	Shimano 400 LX w/ Biopace Superglide rings 28/38/48T. Anatomically sized. Tange sealed bottom bracket w/ plastic inner sleeve. Tioga OS CR-MO spindle.	Shimano 400 LX w/ Biopace Superglide 28/38/48T. Tioga sealed bottom bracket w/ plastic inner sleeve. Tioga OS CR-MO spindle.	Shimano 300 LX w/ Biopace Superglide 28/38/48T. Tioga sealed bottom bracket w/ plastic inner sleeve. Tioga OS CR-MO spindle.
Freewheel	Shimano Hyperglide cassette, 7-speed. 13 x 30T.	Shimano Hyperglide cassette, 7-speed. 13 x 30T.	Shimano Hyperglide cassette, 8-speed. 12 x 32T.	Shimano Hyperglide cassette, 7-speed. 13 x 30T.	Shimano Hyperglide cassette, 7-speed. 13 x 30T.	Shimano Hyperglide cassette, 7-speed. 13 x 30T.	Shimano Hyperglide cassette, 7-speed. 13 x 30T.	Shimano Hyperglide cassette, 7-speed. 12 x 28T.	Shimano Hyperglide cassette, 7-speed. 12 x 28T.	Shimano Hyperglide cassette, 7-speed. 12 x 28T.
Components Brakes	Shimano Deore XT two-finger Servo-wave brake levers. XT low profile cantilever front and rear.	Dia-Compe Short Stop alloy/resin three-finger levers. Dia-Compe XE01 alloy low profile cantilever front and rear.	New Shimano Deore XTR SLR plus two-finger brake levers. New XTR low profile cantilever front and rear.	Shimano Deore XT Super SLR two-finger brake levers. XT low profile cantilever front and rear.	Shimano Deore DX SLR two-finger brake levers. Low profile cantilever front and rear.	New Shimano Deore LX SLR three-finger brake lever, new low profile cantilever front and rear.	Dia-Compe Short Stop alloy/resin three-finger levers. Dia-Compe XE01 alloy low profile cantilever front and rear.	New Shimano 400 LX SLR three-finger brake lever, new low profile cantilever front and rear.	Shimano 400LX SLR three-finger levers. BR-201 low profile cantilever front and rear*.	Shimano 300LX SLR three-finger levers. BR-201 low profile cantilever front and rear*.
Pedals	SR Lowfat. Avenir toe clips and straps.	SR Lowfat. Avenir toe clips and straps.	Shimano Deore XT Low-Profile. Shimano toe clips and Avenir straps.	SR Lowfat. Avenir toe clips and straps.	Victor 336A alloy. Avenir toe clips and straps.	HTI low fat style. steel cage. Black w/ Avenir toe clips and straps.	HTI 933 steel cage. Avenir toe clips and straps.	HTI Zytel resin, XT-style w/ CR-MO axle. Avenir toe clips and straps.	HTI Zytel. Resin, XT style w/ CR-MO axle. Avenir clips and straps.	Victor Zytel. Resin, XT style w/ CR-MO axle.
Headset	Tioga Avenger Oversize. Triple-sealed Black anodized alloy.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.	New Alloy Shimano XTR Oversize. Triple-sealed. Anodized.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.
Seatpost	New Kallay. Alloy, micro-adjust. One-piece, cold forged. Anatomically sized.	New Kallay. Alloy, micro-adjust. One-piece, cold forged. Anatomically sized.	New Kallay. Alloy, micro-adjust, cold-forged. Anatomically sized.	New Kallay. Alloy, micro-adjust, cold forged. Anatomically sized.	Kallay. Alloy, micro-adjust. Black anodized. Anatomically sized.	Kallay aluminium. Anatomically sized. Micro-adjust.	Kallay. Alloy, micro-adjust. Black anodized. Anatomically sized.	Kallay aluminium. Anatomically sized. Micro-adjust.	Kallay. Alloy, micro-adjust. Anatomically sized.	Kallay. Alloy, micro-adjust. Anatomically sized.
Saddle	Selle Italia Turbo, Astrale Forato. Emerald cover.	Avenir Racing Gel. Emerald cover.	Selle Italia Turbo, Astrale Forato. Emerald cover.	Avenir Racing Gel. Emerald cover.	Avenir Racing Gel. Emerald cover.	Avenir Turbogel lycra, made in Italy.	Avenir Gel. Emerald cover.	Avenir Gel lycra. Made in Italy.	Avenir Gel, Emerald cover.	Avenir Gel, Emerald cover.
Bar	New Avenir multi-position handle bar. One-piece. Bulge centre. 320g 6061 T6 Alloy.	New Avenir multi-position handle bar. One-piece. Bulge centre. 320g 6061 T6 Alloy.	New Avenir multi-position handle bar. One-piece. Bulge centre. 320g 6061 T6 Alloy.	New Avenir multi-position handle bar. One-piece. Bulge centre. 320g 6061 T6 Alloy.	New Avenir multi-position handle bar. One-piece. Bulge centre. 320g 6061 T6 Alloy.	New True Temper / Avenir CR-MO, bulge centre, flat w/ 6° bend. Anatomically sized.	True Temper / Avenir CR-MO. Bulge-centre. Flat w/ 6° bend. Anatomically sized.	Avenir CR-MO bulge, centre, flat w/ 6° bend. Anatomically sized.	New Avenir tapered CR-MO. Bulge-centre. Flat w/ 6° bend. Anatomically sized.	New Avenir tapered Bulge-centre. Flat w/ 6° bend. Anatomically sized.
Stem	New Lightweight CR-MO. TIG welded. Titanium finish. Anatomically sized.	Tioga T-Bone CR-MO. TIG welded. Anatomically sized.	New Lightweight CR-MO. TIG welded. Titanium finish. Anatomically sized.	Tioga T-Bone CR-MO. TIG welded. Black finish. Anatomically sized.	Tioga CR-MO T-Bone. TIG welded. Black finish. Anatomically sized.	New Tioga T-Bone W/ under stem cable routing, black finish. Anatomically sized.	Tioga CR-MO T-Bone. TIG welded. Black finish. Anatomically sized.	New DB CR-MO TIG welded w/ under stem cable routing. Anatomically sized.	Tioga T-Bone CR-MO TIG welded. Black finish. Anatomically sized.	New DB TIG welded CR-MO. Anatomically sized.
**Size	14", 16", 18", 20"; PERFORMANCE SIZING.	14", 16", 18", 20"; PERFORMANCE SIZING.	14", 16", 18", 20"; PERFORMANCE SIZING.	14", 16", 18", 20"; PERFORMANCE SIZING.	14", 16", 18", 20", 22"; PERFORMANCE SIZING.	15", 17", 18", 19"; PERFORMANCE SIZING.	14", 16", 18", 20"; PERFORMANCE SIZING.	17", 18", 19", 21"; PERFORMANCE SIZING.	14", 16", 18", 20", 22"; PERFORMANCE SIZING.	14", 16", 18", 20", 22"; PERFORMANCE SIZING.
Colour	Metallic Silver Forest.	Matt Grey Splash, Hot Yellow.	Gloss Black.	Midnight Blue, Grey with Blue Pearl.	Midnight Red, Black Forest Spangle.	Black Tiger Stripe.	Deep Purple, Neon Green Splash.	White w/ Black Spangle.	Gloss Black, Blue w/ Fine Gold Spangle. *14" Frame has M352 special low profile cantilevers.	White w/ Fine Black Spangle. Metallic Purple. *14" Frame has M352 special low profile cantilevers.
Approx. Weight	28.2 lbs	28.5 lbs	25.5 lbs	26.6 lbs	27 lbs		27.2 lbs		27.9 lbs	

*Note Minimum clearance between top centre of tyre and bottom centre of fork crown must be no less than 43mm (1.69") when fork is fully extended. Tyres of greater diameter or width than original equipment are not recommended.

**Add approx 1" to Mountain and Cross Bike sizes.

To obtain seat tube height, add approx. ¾" to A.P. Bikes to obtain seat tube height.

Sorrento	Camarillo	Arrival DX	Arrival LX	Overdrive Comp	Overdrive	Override	Ambition	Approach	Allure 18	Allure 12
True Temper AVR double-butted main tubes. Outer butted seat tube. TIG welded. Two sets water bottle mounts. Rack mounts. DB forged fastback drop-outs.	True Temper CR-MO / Hi-Ten mountain frame set. TIG welded. Two water bottle mounts (1 on ladies). Rack mounts. Forged drop-outs. Oversize top and down tubes.	Series 7000 heat treated aluminium super oversize. Round-oval round down tube. 73mm BB shell. 2 sets water bottle mounts.	Series 7000 heat treated aluminium super oversize tubing. 73mm B.B. shell. 2 sets water bottle mounts.	100% True Temper OX special short butt, double-butted CR-MO tubing. Fastback Brake Booster™ seat stays. 68mm BB shell. Two water bottle mounts. Lighter weight internally relieved bottom bracket shell.	100% True Temper AVR special short butt, double-butted CR-MO tubing. Fastback Brake Booster™ seat stays. 68mm BB shell. Two water bottle mounts. Lighter weight internally relieved bottom bracket shell.	CR-MO three main tubes. TIG welded. Fastback seat stays. Forged drop-outs w/ eyelets. 2 sets of water bottle mounts.	True Temper CR-MO three main tubes. TIG welded. Forged drop-outs w/ eyelets. Two sets of water bottle mounts. Rack mounts.	True Temper CR-MO / Hi-Ten frame set. TIG welded. Forged drop-outs w/ eyelets. Two sets of water bottle mounts. Rack mounts.	True Temper CR-MO / Hi-Ten frame set. TIG welded. Water bottle mounts. Rack mounts.	True Temper CR-MO / Hi-Ten frame set. TIG welded. Water bottle mounts. Rack mounts.
True Temper AVR CR-MO Unirac 28.6mm taper gauge blades w/ 600mm radius bend. TIG welded.	Hi-Tensile Unicrown. Oversized 28.6mm blades. TIG welded w/ eyelets and safety tips.	True Temper AVR CR-MO Unirac 28.6mm blades w/ 600mm radius bend. TIG welded.	True Temper AVR CR-MO Unirac 28.6mm blades w/ 600mm radius bend. TIG welded.	True Temper OX CR-MO Unirac 28.6mm taper gauge blades w/ 600mm radius bend. TIG welded.	True Temper AVR CR-MO Unirac 28.6mm taper gauge blades w/ 600mm radius bend. TIG welded.	CR-MO blades. TIG welded. Unicrown w/ eyelets.	100% CR-MO TIG welded. Unicrown aero style blades w/ eyelets and safety tips.	Hi-Tensile. TIG welded. Unicrown aero blades w/ eyelets and safety tips.	TIG welded aero Unicrown blades. Fender eyelets and safety tips.	TIG welded aero Unicrown blades. Fender eyelets and safety tips.
Weinmann 2719. Alloy, polished.	Weinmann 2719. Alloy, polished.	Avenir Duro 17. Double wall narrow alloy. Duroomic finish. Presta.	Weinmann 2719. Alloy polished.	Avenir Duro 7-17 700c. Double wall, narrow, alloy. Duroomic finish. Presta.	Avenir Duro 7-17 700c. Double wall, narrow, alloy. Duroomic finish. Presta.	Alesa 700c. Alloy polished.	Weinmann 2719 700c. Alloy, polished.	Weinmann 2719. 700c. Alloy, polished.	Weinmann 2115. 700c. Alloy, polished. 36H.	Weinmann 2115. 700c. Alloy, polished. 36H.
Shimano 200 GS. Alloy, small flange. Freehub. QR 36H front and rear.	Shimano. Alloy, small flange. Quick release front. 36H front and rear.	Shimano Deore DX alloy. Small flange. Sealed. Freehub. QR 32H front and 36H rear.	Shimano 500 LX alloy. Small flange, sealed. Free hub. QR. 32H front and 36H rear.	Suntour XC Pro-Micro Drive w/ grease guard. QR 32H front and 36H rear.	Shimano Deore DX. Alloy, small flange sealed. Freehub. 32H front and 36H rear.	Shimano 3000LX alloy, small flange. Freehub. QR front and rear.	Shimano 200CX. Alloy, small flange. Freehub. QR 36H front and rear.	Shimano. Alloy, small flange. QR front and rear.	Small flange. Quick release front.	Small flange. Quick release front.
14 gauge UCP.	14 gauge UCP.	14 gauge stainless.	14 gauge stainless.	14-15-14 gauge stainless. Short 11mm nipple.	14-15-14 gauge stainless.	14 gauge.	14 gauge UCP.	14 gauge UCP.	14 gauge UCP.	14 gauge UCP.
High density skinwall 26 x 2.0	CST mountain tread, high density gumwall 26 x 2.0	Panaracer Smoke 26 x 2.10	CST mountain tread, high density skinwall 26 x 1.95.	New Panaracer. Smoke 700 x 45c.	New Panaracer. Smoke 700 x 45c.	CST 700 x 38C skinwall.	CST 700 x 38c skinwall.	CST 700 x 38c high density gumwall.	CST 700 x 38c high density gumwall.	CST 700 x 38c high density gumwall.
Rear - Shimano 200GS SIS. Front - Shimano 200GS.	Rear - Shimano M100 SIS. Front - Shimano M100.	Rear - Shimano Deore DX. Front - Shimano Deore DX top pull.	Rear - Shimano 300 LX. Front - Shimano Exage LX.	Rear - Suntour XC Pro Micro Drive. Front - Suntour XC Pro Micro Drive, top pull.	Rear - Shimano Deore DX. Front - Shimano Deore DX, top pull.	Rear - Shimano 300LX SIS. Front - Shimano 300LX.	Rear - Shimano 200 CX. Front - Shimano 200 CX.	Rear - Shimano M100 SIS. Front - Shimano M100.	Rear - Shimano Journey GS SIS. Front - Shimano Journey.	Rear - Shimano Journey GS SIS. Front - Shimano Journey.
Shimano STI Rapidfire, mounted under handlebar.	Shimano STI Rapidfire, mounted under handlebar.	Shimano Deore DX Rapidfire, mounted under handlebar.	Shimano Exage LX STI Rapidfire, mounted under handlebar.	Suntour XC Pro Micro. Drive top mount thumb shifter.	Shimano Deore DX top mount thumb shifters.	Shimano 300LX STI Rapidfire, mounted under handlebar.	New Grip Shift STR 300.	New Grip Shift STR 300.	Shimano SIS top mount thumb shifters.	Shimano SIS top mount thumb shifters.
Sedisport GT.	KMC UG-50.	Shimano CN-HG70.	Sedisport GT.	Suntour AP01.	Sedisport GT.	Shimano Hyperglide.	KMC Hyperglide.	KMC UG-50.	KMC Hyperglide.	KMC Hyperglide.
Shimano FC-202 w/ Biopace Superglide 28/38/48T. Alloy arms. Plastic inner sleeve for BB.	Shimano M100 28/38/48 rings. Japanese bearings. 170mm cranks.	Shimano Deore DX w/ round Superglide 28/38/48T. Anatomically sized. Shimano sealed cartridge bottom bracket.	Shimano 300 LX w/ Biopace Superglide. 28/38/48T. Anatomically sized. T777 B.B.	Suntour XC-Pro Micro Drive. PowerRing 20/32/42. Hard anodized finish. Suntour XC-Pro Grease Guard bottom bracket.	Shimano Deore DX. 24/36/46T. Anatomically sized. New Shimano sealed cartridge bottom bracket.	Shimano 300LX w/ Biopace Superglide 28/38/48T. Anatomically sized.	New Shimano 200 CX w/ Superglide Biopace 28/38/48T. Alloy. Anatomically sized. Sealed bottom bracket w/ plastic inner sleeve.	Shimano M100 28/38/48T rings. Bio-paced. 170mm cranks. Plastic inner sleeve for bottom bracket.	SR steel 28/38/48T. Anatomically sized. Bottom bracket w/ plastic inner sleeve.	SR steel 38/48T. Double. Anatomically sized. Bottom bracket w/ plastic inner sleeve.
Shimano Hyperglide cassette. 7-speed. 12 x 28T.	Shimano Hyperglide cassette. 7-speed. 13 x 28T.	Shimano Hyperglide cassette. 7-speed. 13 x 30T.	Shimano Hyperglide cassette. 7-speed. 12 x 28T.	New Suntour XC-Pro Micro Drive Power-Pro. 11 x 24T.	Shimano Deore DX Hyperglide. 7-speed. 13 x 30T.	Shimano Hyperglide cassette. 7-speed. 12 x 28T.	Shimano Hyperglide cassette. 7-speed. 12 x 28T.	Shimano M101 Hyperglide cassette. 7-speed. 13 x 28T.	Shimano Hyperglide. 6-speed. 13 x 28T.	Shimano Hyperglide. 6-speed. 13 x 28T.
Shimano 200GS SLR brake levers. Shimano 201 low profile cantilever front and rear.*	Shimano M101 brake levers. M100 cantilever front and rear.	Shimano Deore DX SLR two-finger brake levers. Low profile cantilever front and rear.	Shimano 201 SLR three-finger brake levers. Low profile cantilever front and rear.	New Dia-Compe 987 low profile alloy cantilever. New Dia-Compe SS-7 cold forged alloy levers.	Shimano Deore DX low profile alloy cantilever. Shimano Deore DX alloy two-finger levers.	Shimano 300LX SLR 3-finger levers. Shimano 300LX compact low profile cantilever.	Shimano 200 CX SLR three-finger brake levers. Shimano 200 CX new compact profile cantilever.	Shimano M101 brake levers. M100 cantilevers front and rear.	Lee Chi alloy, low profile cantilever front and rear. Three-finger alloy, resin brake levers.	Lee Chi alloy, low profile cantilever front and rear. Three-finger alloy, resin brake levers.
Victor Zytel resin. XT style w/ CR-MO axle.	Victor Zytel resin. XT style w/ CR-MO axle.	HTL Alloy low profile Avenir clips and straps.	Victor Zytel resin. XT mtn style w/ CR-MO axle.	SR Low Fat. Avenir toe clips and straps.	SR Low Fat. Avenir toe clips and straps.	HTI Zytel resin. XT style.	Victor Zytel resin. CR-MO axle.	Victor Zytel resin. CR-MO axle.	Victor Zytel resin. CR-MO axle.	Victor Zytel resin. CR-MO axle.
Tioga Avenger Oversize. Triple-sealed Black chrome finish.	DB black finish.	Tioga Avenger Oversize. Triple-sealed Black chrome finish.	Tioga Avenger oversize. Triple-sealed. Black chrome finish.	Tioga Avenger Oversize. Alloy, triple-sealed. Black finish.	Tioga Avenger Oversize. Triple-sealed. Black chrome finish.	DB Black finish.	DB Black finish.	DB Black finish.	DB Black finish.	DB Black finish.
Kalloy. Alloy, micro-adjust. Anatomically sized.	Steel/chrome-plated finish. Anatomically sized.	Kalloy. Alloy, micro-adjust. Anatomically sized.	SR alloy. Micro-adjust.	New Kalloy. Alloy micro-adjust. Anatomically sized.	New Kalloy. Alloy micro-adjust. Anatomically sized.	Satin finish. Anatomically sized.	Alloy, straight, 300mm.	Alloy, straight. Anatomically sized.	CP satin finish, steel.	CP satin finish, steel.
Avenir Gel. Emerald cover.	Padded anatomic. Emerald cover.	Avenir Racing Gel. Emerald cover.	Avenir Gel. Emerald cover.	Sele Italia Turbo. Astrale Forato. Emerald cover.	Sele Italia Turbo. Astrale Forato. Emerald cover.	Avenir Racing Gel. Lycra covered.	Avenir Gel. Emerald cover.	Avenir Gel. Emerald cover.	Padded. Emerald cover.	Padded. Emerald cover.
New Avenir tapered. Bulge centre. Flat with 6° bend. Anatomically sized.	New Avenir tapered. Bulge centre. Flat with 6° bend. Anatomically sized.	New Avenir multi-position handlebar. One-piece. Bulge centre. 320G. 6061 T6 alloy.	New Avenir tapered. Bulge centre. Flat with 6° bend. Anatomically sized.	New Avenir multi-position handlebar. One-piece. Bulge centre. 320g. 6061 T6 alloy.	New Avenir multi-position handlebar. One-piece. Bulge centre. 320g. 6061 T6 alloy.	Avenir tapered. Bulge centre. Flat with 6° bend.	New Avenir tapered bulge-centre. 1° rise w/ 6° bend (mens), 2° rise (womens). Anatomically sized.	New bulge-centre. 1° rise w/ 6° bend (mens), 2° rise (womens).	New bulge-centre. 1° rise w/ 6° bend (mens), 2° rise (womens).	New bulge-centre. 1° rise w/ 6° bend (mens), 2° rise (womens).
DB TIG welded steel. Anatomically sized.	DB TIG welded steel. Anatomically sized.	New DB TIG welded CR-MO. Anatomically sized.	New DB TIG welded. CR-MO. Anatomically sized.	New lightweight CR-MO. TIG welded. Titanium finish. Anatomically sized.	New lightweight CR-MO. TIG welded. Titanium finish. Anatomically sized.	DB TIG welded CR-MO. Anatomically sized.	DB TIG welded. 130° rise. Anatomically sized.	New DB TIG welded. 130° rise. Anatomically sized.	New DB TIG welded steel. 130° rise. Anatomically sized.	New DB TIG welded steel. 130° rise. Anatomically sized.
14", 16", 18", 20", 22" PERFORMANCE SIZING.	Mens: 14", 16", 18", 20" 22"; Ladies: 16" 20" PERFORMANCE SIZING.	17", 18", 20", 22" PERFORMANCE SIZING.	17", 18", 20", 22" PERFORMANCE SIZING.	15", 17", 19", 21" PERFORMANCE SIZING.	15", 17", 19", 21" PERFORMANCE SIZING.	Mens: 17½", 19½", 21½", 23". Ladies: 17½", 19½"; PERFORMANCE SIZING.	Mens: 15", 17", 19", 21"; Ladies: 16", 19"; PERFORMANCE SIZING.	Mens: 15", 17", 19", 21"; Ladies: 16" 19"; PERFORMANCE SIZING.	Mens: 15", 17", 19", 21"; Ladies: 16" 19"; PERFORMANCE SIZING.	Mens: 15", 17", 19", 21"; Ladies: 16" 19"; PERFORMANCE SIZING.
Gloss Black w/ White Spangle, Race Red. *14" Frame has M352 special low profile cantilevers.	Mens: Grey w/ Blue Splash, Reflex Blue. Ladies: Grey w/ Blue Splash, Reflex Blue.	Grey with Blue Pearl.	White with Blue splash.	Metallic Silver Forest.	Gloss Black.	Mens and Ladies: Solid Plum.	Mens and Ladies: White w/ Blue Splash.	Mens and Ladies: Grey w/ Blue Splash.	Mens & Ladies: Blue w/ Gold Spangle.	Mens & Ladies: Metallic Purple.
28.25 lbs			29 lbs	25.5 lbs	26.2 lbs					

G E O M E T R I E S

	FRAME SIZE	TOP TUBE	CHAIN STAY	FORK OFFSET	WHEEL BASE	BB HEIGHT	HEAD ANGLE	SEAT ANGLE	STAND HEIGHT	STEM LENGTH	CRANK LENGTH
RESPONSE COMP	18"	22.8"	16.7"	1.55"	42.1"	11.9"	71.5°	72.5°	31.0"	135mm	175mm
RESPONSE	18"	22.8"	16.7"	1.55"	42.4"	11.9"	70.5°	72.5°	31.0"	135mm	175mm
AXIS PRO	18"	22.8"	16.7"	1.8"	42.1"	11.9"	72°	73°	30.6"	135mm	175mm
AXIS	18"	22.8"	16.7"	1.8"	42.1"	11.9"	72°	73°	30.6"	135mm	175mm
APEX	18"	22.8"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	135mm	175mm
ASCENT EX	18"	22.8"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	135mm	175mm
ASCENT	18"	22.8"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	120mm	170mm
TOPANGA	18"	22.8"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	120mm	170mm
SORRENTO	18"	22.8"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	105mm	170mm
CAMARILLO	18"	22.8"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	105mm	170mm
ARRIVAL DX	18"	21.63"	16.55"	1.77"	41.37"	11.65"	71°	73.3°	29.72"	135mm	175mm
ARRIVAL LX	18"	21.63"	16.55"	1.77"	41.37"	11.65"	71°	73.3°	29.72"	135mm	175mm
OVERDRIVE COMP	19"	22.8"	16.9"	1.8"	42"	11.9"	72°	73°	31.9"	135mm	175mm
OVERDRIVE	19"	22.8"	16.9"	1.8"	42"	11.9"	72°	73°	31.9"	135mm	175mm
OVERRIDE	19½"	21.3"	17.3"	1.8"	40.4"	11.4"	72°	73°	30.9"	130mm	170mm
AMBITION	19"	22.8"	16.9"	1.8"	42"	11.4"	72°	73°	31.9"	130mm	170mm
APPROACH	19"	22.8"	16.9"	1.8"	42"	11.4"	72°	73°	31.9"	120mm	170mm
ALLURE 18	19"	22.8"	16.9"	1.8"	42"	11.4"	72°	73°	28.0"	120mm	170mm
ALLURE 12	19"	22.8"	16.9"	1.8"	42"	11.4"	72°	73°	28.0"	120mm	170mm

Note: Frame size/Seat Tube dimensions are from centre of BB Axle to top of Top Tube except for BMX models.

Full details on the Diamond Back range of Mountain, Performance, Cross, All Purpose and BMX bicycles are available from our officially appointed nationwide network of specialist Diamond Back dealers.

Their intimate knowledge of the bicycles and associated accessories will afford you the best possible sales and after sales service.

GUARANTEE

All Diamond Back Models featured in this Catalogue are fully guaranteed.
Ask your Dealer for details and about periodical servicing.

Diamond Back cycles are marketed in the UK exclusively by

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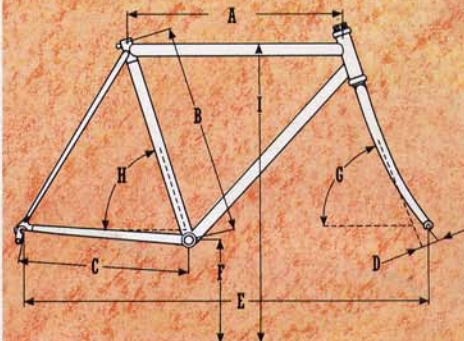
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- A Top Tube
- B Frame Size
- C Chain Stay
- D Fork Offset
- E Wheel Base
- F BB Height
- G Head Angle
- H Seat Angle
- I Stand Over Height



Warranty

Every Diamond Back bicycle is built to exacting specifications, and is the product of carefully planned manufacturing and assembly.

Designed by Du Puis Design, Agoura Hills California –
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All Diamond Back bicycles are manufactured and tested to meet or exceed BS 6102. Specifications are subject to change without notice.

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