



1993



**DIAMOND
BACK®**

◆ Mountain ◆

◆ Diamond Back ◆

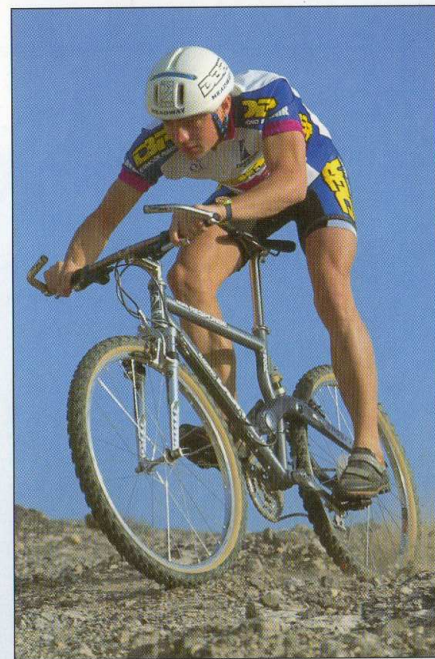
If we seem excited about our 1993 line of mountain bikes, it's because we've ridden them. And we're proud of what we've accomplished.

We've designed and built-in top level performance on every bike, for every level of rider.

We're proud of the innovation and craftsmanship we bring to the art of mountain-bike building. Like the specially designed True Temper oversized, thin-wall, short-butt tubing we use on our steel bikes. Like the elegant TIG-welding on all our frames; a painstaking job that requires expert, hands-on skill. Like the new approaches to suspension, including dual suspension, you'll see on several of our models.

We're particularly proud of our Performance Geometry (see page 13). Its most obvious feature is the trademark sloping top tube for increased standover clearance, but Performance Geometry includes a number of design nuances that assure a great fit for every size rider, deft handling characteristics, and a "dialed-in," comfortable ride.

The Diamond Back Optimum Design System (ODS) is another reason why we're able to offer such a high level of performance on all our bikes. ODS is a way of thinking, a synthesis of design innovations and component choices that work in harmony to optimize performance.



Most Optimum Design features are pretty subtle, but when you ride a Diamond Back, you notice that it just "feels right" and that it responds to every demand, in the most extreme circumstances. That's ODS at work.

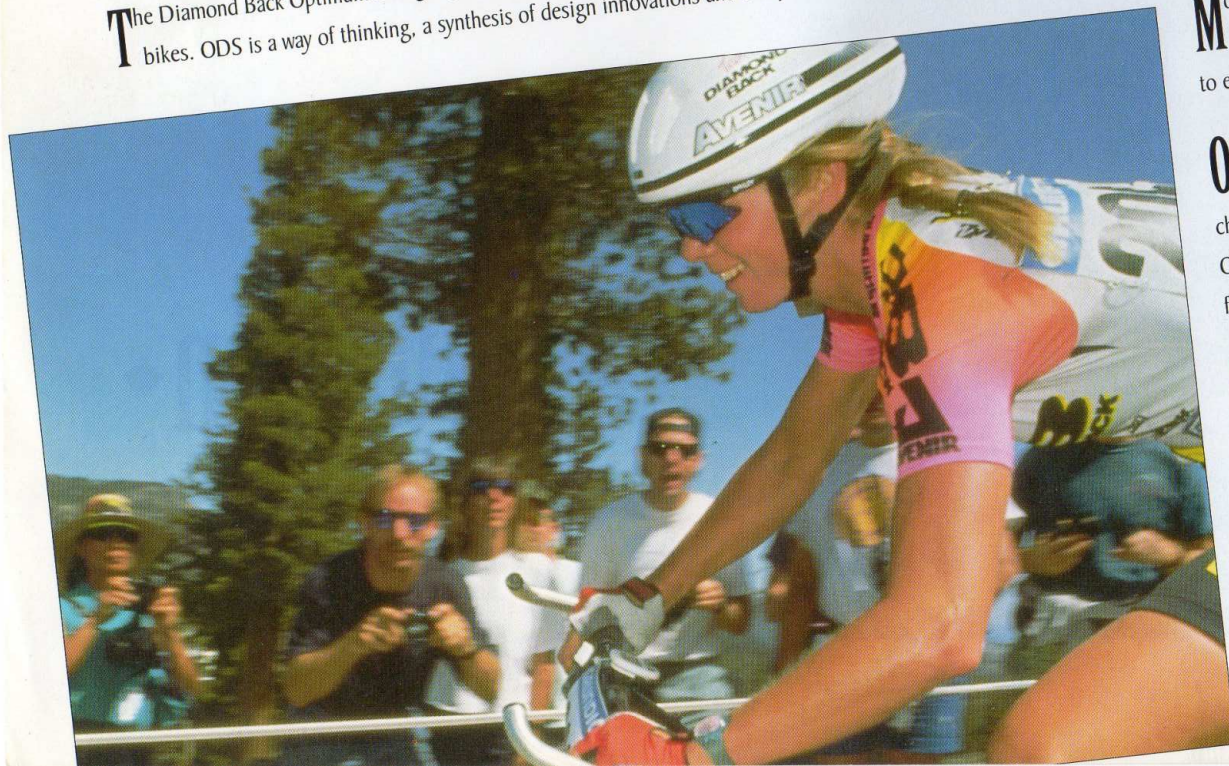
ODS includes things like double-tapered Brake Booster seat stays that assure the strongest possible braking. It's a wider (73mm) bottom bracket, which spreads the chain stays just enough to assure easy clearance for the fattest tyres around. ODS is also an oversized head tube and 600mm radius fork, which together create a firm, shock absorbing front end.

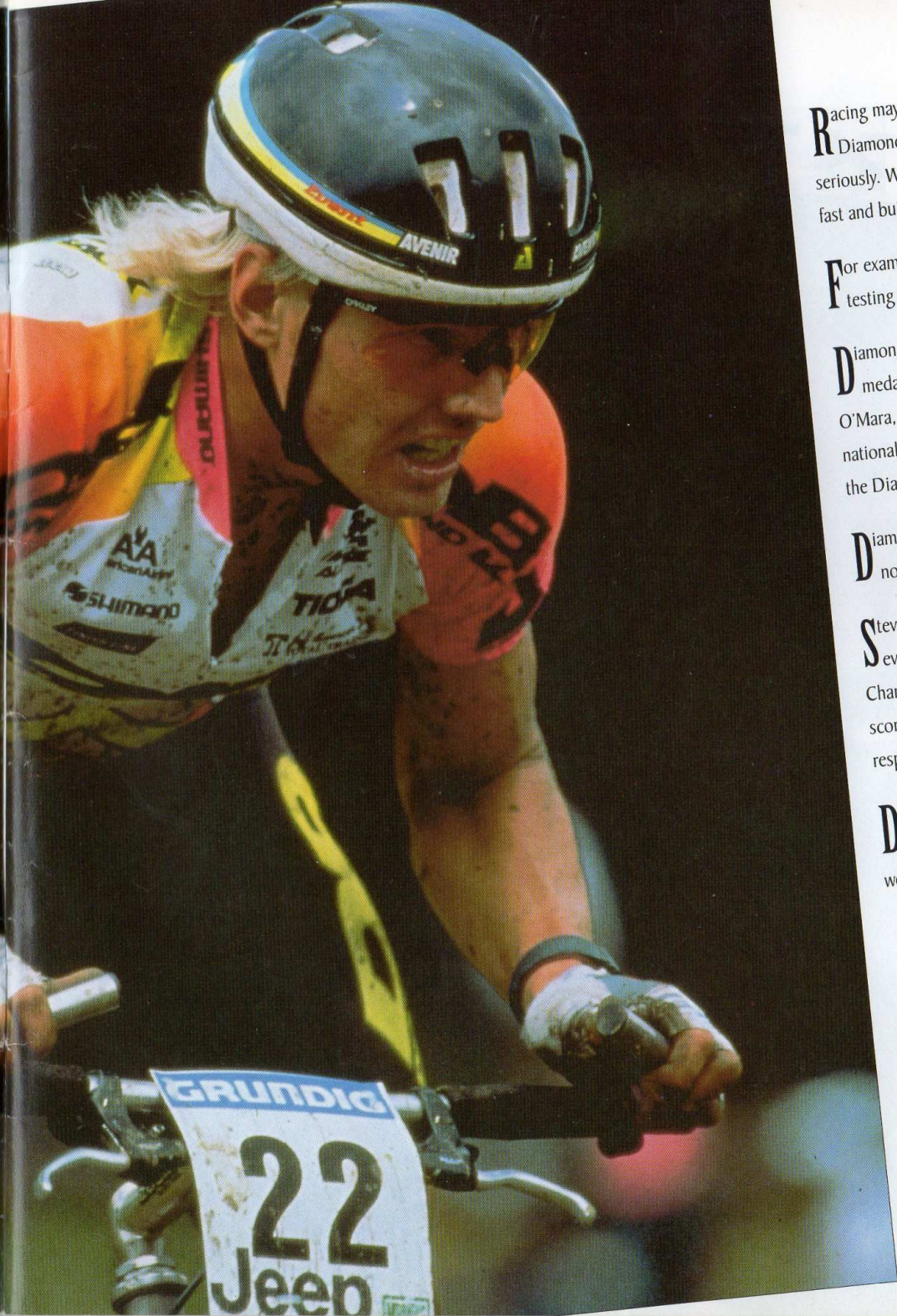
ODS involves a thoughtful selection of components as well- the right sizes and the best quality to suit the specific functions of each model, so that the performance of the moving parts equals the excellence of the frame design.

We field-test extensively every component we use, every design feature we build. We figure that riding and racing in the real world is the only way to develop the best-handling, most reliable bikes possible. It's the only way to build a Diamond Back.



**DIAMOND
BACK®**





Racing may not be for everybody, but it's the ultimate test of both athlete and bicycle. Diamond Back is serious about racing because we know that it's the best laboratory in the world. We take the input of our racing teams seriously. We build our bikes to meet the extreme demands of racing under the most difficult conditions. That's how we know our bikes are fast and built to last.

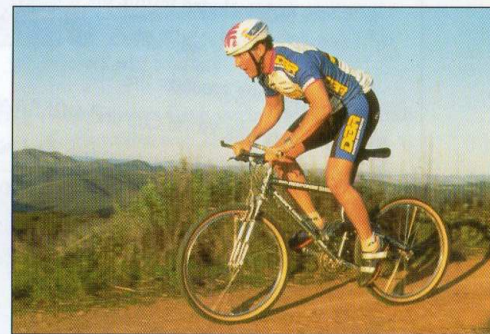
For example, our gleaming new titanium mountain bikes are appearing in bike shops for the first time this year, but our racers have been testing them for the past two years on the toughest courses in the world. All the fine-tuning has been done. These bikes are race-ready.

Diamond Back's Pro/Elite mountain bike team includes: Dave Wiens- 1991 World Cup bronze medalist, 1990 and 1991 NORBA series silver medalist, Susan DeMattei- 1991 NORBA series bronze medalist and fifth overall in the World Cup series, former motocross racer Johnny O'Mara, who is now applying his legendary skills to the mountain bike circuit, and Claudio Vandelli- an Olympic gold medalist and Italian national champion. In the U.K. top Down Hill "shredheads" like Jason Shackleton, Jason McRoy and Alistair McLean have chosen to ride on the Diamond Back Dual Response.

Diamond Back bicycles have been hammering the competition for two years in the U.K. In 1992 the combine team Diamond Back/Scott won no less than four British Mountain Bike Federation/7Up National Series titles and three National Championship gold medals.

Steve Bennett rode the Axis to victory in the Veteran Mens cross country events while Scott Dommett trailed his way to take the National Skills Championship, also riding the Axis. Simon Kipling and Jason Shackleton scorched the trails to become Junior and Senior downhill champions respectively.

Diamond Back's latest addition to its Pro/Elite Team is Down Hill World Champion, Dave Cullinan. Flying at blistering speeds on the world's most challenging down hill courses.



DBR
DIAMOND BACK RACING

As the level of racing excellence moves unrelentingly forward, the level of our best racing models have kept pace and even pushed the envelope. For 1993 we've taken Diamond Back racing bikes so far forward, they've earned a category of their own.

Developed by our own design team, we introduce DBR (Diamond Back Racing). The Axis Team Titanium and Dual Response models take Diamond Back's racing heritage to new heights. Tested and refined in the unforgiving arena of international racing, the DBR models incorporate new materials, new engineering, and new thinking that reshape the ultimate capability of high performance bicycles.

AXIS TT XTR

The Diamond Back race team put a challenge to us. We want a titanium bike, they said, and we want it to be the best titanium bike ever made. So we embarked on two years of intensive development, which included testing on the world's most elite proving grounds: the Grundig World Cup and NORBA National Series and the World Championships. And now Diamond Back is ready to offer our racers and anyone else who demands the best, well, The Best. The Axis Team Titanium is hand-constructed in the U.S. by Sandvik using Sandvik 3/2.5 tubing.

Suffice it to say, this is the lightest, finest mountain racing bike we've ever offered, and they're going fast!



The New Avenir Titanium Comp saddle with titanium rails—Total comfort at only 210 grams.



◆ AXIS TT XTR ◆

FRAME: **DBR** design, handcrafted in the U.S. Sandvik 3/2.5 titanium. Ovalized seat tube.

GROUP: **SHIMANO XTR**

WHEEL SET: Shimano XTR hubs, Wheelsmith stainless steel butted spokes, Araya RM-395 pro rims, and **TIOGA** Psycho Kevlar bead tyres.

FEATURES: Titanium quick release skewers, Shimano **DURA-ACE** chain, and Shimano SPD pedals.

Axis TT also available as a frameset.

◆ Precious Metal ◆

You've dreamed of titanium, waited for titanium, sweated for titanium. You know the glories of titanium: bullet-proof, resilient, a ride quality like no other frame material. An elegance that feels as great as it looks. You've earned the right to mount the finest, fastest mountain bike you'll ever own. And the Axis Team Titanium is it. Sandvik tubing is the very finest titanium made, and we've engineered it with Diamond Back's Performance Geometry and ovalized seat tube to deliver a ride that we're tempted to call perfect. Add to it a Tange Super Ultralight triple-butted Prestige fork, lightweight Araya rims, Kevlar™ bead Tioga Psycho tyres and Shimano's all-new LX group and you have a bike that's definitely been worth the wait. The Axis Team Titanium LX will show you why they call titanium a precious metal.

*Impeccable craftsmanship
and engineering—
clearly the best.*

AXIS TT LX

◆ AXIS TT LX ◆

FRAME: **DER** design, handcrafted in the U.S., Sandvik 3/2.5 titanium. Ovalized seat tube.

GROUP: New Shimano Deore LX with **SHIMANO DEORE XT** rear derailleur and pedals.

WHEEL SET: Deore LX hubs, butted stainless Wheelsmith spokes, **ARAYA** RM-17 rims, and Tioga Psycho Kevlar bead tyres.

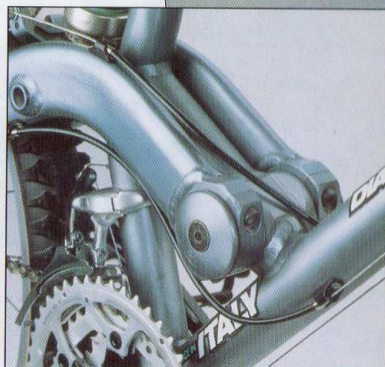
FEATURES: Avenir Titanium Comp saddle, **TIOGA** DL2001 alloy handlebar with Zoom Competition stem.

*Extras like custom
skewers help make
the Axis TT XTR a
leader in its class.*

DUAL RESPONSE

We think we've built the ultimate dual-suspension racing mountain bike, and we'll share a little secret about how we did it. Racing motorcycles have been built with dual suspension for years. So we went to the off-road motorcycle experts, Verlicchi of Italy, and collaborated on a brand new design that totally eliminates the side-to-side, power-robbing flex of so many other rear suspension bikes. The key is hand TIG welded construction and a close-tolerance swing-arm pivot rear suspension that's rock-solid when you're pedaling, and shock-gobbling when you're roaring downhill. The new Marzocchi XC400 front suspension is air/oil smooth, and it's lighter than ever, rebounds quicker, and is infinitely pressure-adjustable. The Dual Response is decked out with Shimano's high-tech XTR group, complete with Dual SIS and Multi-Condition braking, plus titanium saddle, Araya RM-395 pro rims and Tioga Psycho Kevlar bead tyres.

Responsive to the max, the Dual Response delivers you quickly to the top, then lets you blast down the other side as only dual suspension can.



Large pivot-point swing arm delivers maximum lateral rigidity.



◆ DUAL RESPONSE ◆

FRAME: Hand crafted, heat treated aluminum with **MARZOCCHI** suspension.

GROUP: **SHIMANO XTR**

WHEEL SET: Deore XTR hubs, butted stainless Wheelsmith spokes, Araya RM-395 pro rims, and **TIOGA** Psycho Kevlar bead tyres.

FEATURES: Avenir Titanium Comp saddle, Tioga DL2001 handlebar, and **ZOOM** Competition stem.

Dual Response also available as a frameset.



◆ Suspension ◆

Mountain bike suspension is not just the wave of the future. It's here, and our top-of-the-line suspension mountain bikes boast the very best technology available:

Marzocchi suspension forks. Their air-sprung, oil-damped design produces the smoothest, most impact-absorbing ride possible.

Marzocchi is an Italian company that has been building suspension systems for over 45 years for competitors like Ferrari Formula I race cars and BMW motorcycles. Marzocchi knows suspension.

This year the company is producing its lightest, most sophisticated mountain bike suspension fork ever, the XC400. This fork is significantly lighter with newly engineered internal mechanism, and machined alloy crown and sliders. The XC400 features quicker rebound characteristics, for fast response in high speed situations.

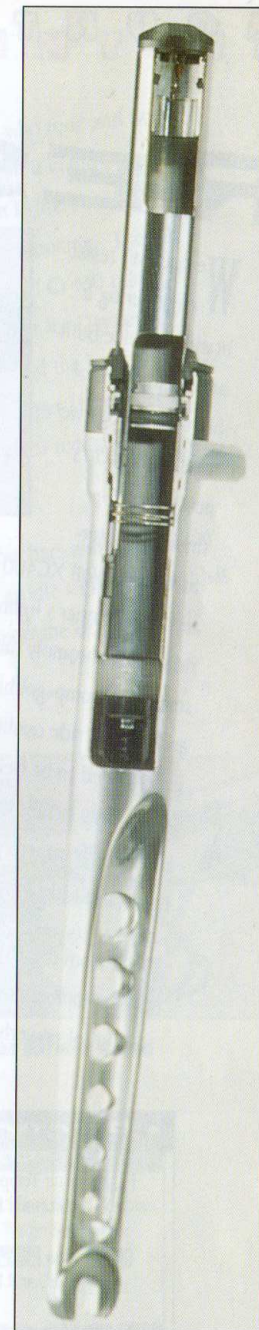
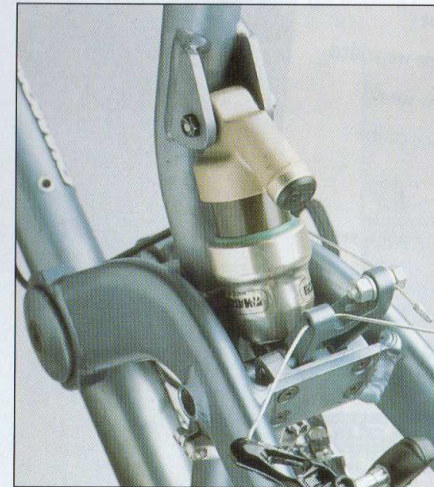
Marzocchi forks do not "lock out." This means they're on duty all the time. They smooth out the low-intensity impacts that take a toll on riders, as well as the big bumps. A low-speed damping valve handles the little nubbins and washboards, a high-speed valve gobbles the monster bumps and jumps, and a unique air/oil separation piston prevents foaming and fade on long descents.

An easy-access Schrader valve allows you to control the air-spring pressure, so the Marzocchi fork can be infinitely fine-tuned to suit your body weight and changing terrain.

It's not enough for a fork to absorb impacts. It must also have a strong fork crown, brake arch and internal fittings to prevent the wheel from twisting away from the impact. Marzocchi forks are superbly engineered for torsional strength to keep you on track uphill or down.

For Diamond Back's brand new Dual Response model Marzocchi applied the same sophisticated air/oil damping technology to our lightweight rear shock absorber. With 55mm of travel, adjustable air spring pressure and a frame engineered to work specifically with this shock, the performance is unmatched.

We believe Marzocchi produces the best mountain bike shock absorbers available, and we're proud to put them on our top suspension bikes.



The XC400 is not only far lighter than earlier models but also offers improved damping response.

MOUNTAIN

RESPONSE ELITE

We couldn't resist engineering a brand new bike built around the kind of high technology we love: Marzocchi's new super-smooth, lighter-than-ever air/oil XC400 suspension fork; and True Temper's lightweight, nimble-riding OX chromoly tubing. There's no smoother, bump-gobbling fork anywhere, and the OX ride quality has to be experienced to be believed. Then we added lots of tasty details that we knew would enhance the superb performance of the frame and fork.

Built from the ground up to grind down the competition, the Response Elite is a handful of powerful performance.



Zoom 130 handlebar and Competition stem- Lightweight performance.



◆ RESPONSE ELITE ◆

FRAME: True Temper OX, custom drawn, 100% chromoly frame with **MARZOCCHI** XC400.

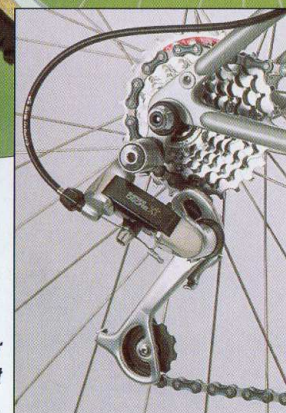
GROUP: New **SHIMANO DEORE LX** with Dual SIS, Rapidfire Plus, and Multi-condition braking.

WHEEL SET: Shimano Deore LX hubs, Wheelsmith spokes, Araya RM-17 rims, and **PANARACER** Smoke tyres.

FEATURES: Tioga OS sealed headset and Tioga Surefoot pedals with **AVENIR** toe clips and straps.



Gnarly Panaracer Smokes- no traction problems here.



Shimano Deore XT rear derailleur- a perfect complement to the new Deore LX group.

AXIS PRO



Avenir titanium rail saddle.



Araya RM 400 pro rims and Panaracer Smoke compe tyres.

It's true to say that not many who rode and won at last years Axis Pro thought it could be improved. But here it is: even lighter: even faster: even smoother: and even better looking. The OX heat treated, short/double butted Cr-MO tubing is exclusively drawn by true temper for Diamond Back. We have internally relieved the bottom bracket and fitted the Tange Super Light taper gauge fork for even more weight reduction.

Full XTR group set: Zoom bars and competition stem: Avenir Titanium saddle - Only the best has been fitted because we know the better you ride the better you feel.



Zoom Competition bar and stem.

◆ AXIS PRO ◆

FRAME: **TrueTemper** OX Special Short Butt, double-butted chromoly frame with Tange Super Lite 100% chromoly taper gauge fork.

GROUP: **SHIMANO XTR**

WHEEL SET: Shimano XTR hubs, Wheelsmith stainless steel butted spokes, **ARAYA** RM-400 pro 32 hole rims, & Panaracer Smoke compe tyres.

FEATURES: **TIOGA** Surefoot 6 pedals with greaseport. Zoom Competition stem. **AVENIR** titanium rail saddle.

AXIS

When you know the Axis has been winning races in 1992 at U.K. National championship levels, then you know we mean business when say the new Axis is even better. We put the Axis on a major weight saving diet and decked it out with trick competition items like Araya's RM-400 Pro rims, Zoom stem and new ISO aluminium bars: Tioga surefoot-6 pedals and Avenir light saddle/seat post combo. True Temper makes the OS special short butt tubes specially for the Axis frame and up front our very own new Cr-Mo Unitrac system fork with taper gauge pedals puts you right in track for the toughest trails.

Full Shimano XT group features new front system chainrings with dual SIS, and multi-condition brake pads for even more stopping power in the wet.

The Axis proudly maintains Diamond Back's tradition of performance and value.

♦ AXIS ♦

FRAME: TrueTemper OX Special Short Butt, double-butt chromoly frame with new DB766 unitrac taper gauge fork.

GROUP: SHIMANO DEORE XT

WHEEL SET: XT hubs, Wheelsmith stainless steel butted spokes, ARAYA RM-400 pro alloy 32 hole rims, & Panaracer Smoke tyres.

FEATURES: TIOGA Surefoot 6 pedals with greaseport. Zoom Competition stem. AVENIR Flite style saddle.



Zoom Original bar and Stem



Tioga Surefoot pedal.

OVERDRIVE COMP

MOUNTAIN

◆ OVERDRIVE COMP ◆

FRAME: **TrueTemper** OX heat treated tubing.

GROUP: **SUNTOUR** XC Pro Microdrive group with DiaCompe 987 cantilever brakes.

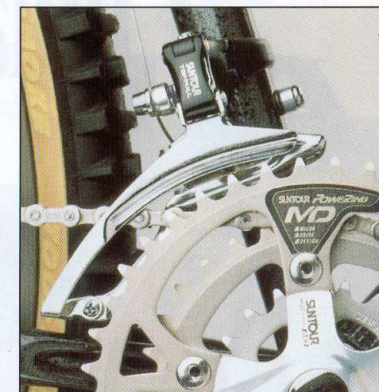
WHEEL SET: 700 x 45c Panaracer Smoke tires, **AVENIR** Duro 7-17 rims, and Suntour XC Pro hubs with Grease Guard.

FEATURES: **SELLE ITALIA** saddle, Avenir Brahma multi-position handlebar.

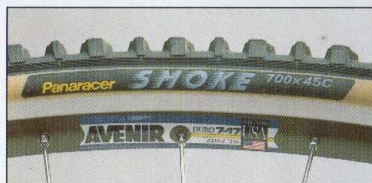


This new concept in high-performance mountain biking combines two not-so-quiet secrets. First, there's the larger diameter 700C wheels, which have a nifty knack for rolling right over obstacles that slow down conventional 26-inch wheels. Plus, the larger wheels deliver a super-responsive, sprint-ready ride. The second secret is SunTour's XC Pro Micro Drive group, the lightest, quickest-shifting drivetrain on the market, with the ultra trick Grease Guard system.

The Overdrive Comp is fast and tough, a bike for skilled off-road riders who can appreciate sensational high-speed performance.



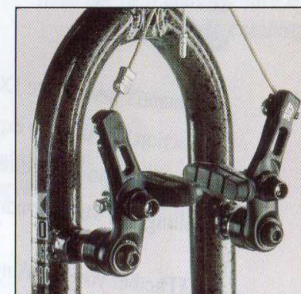
Suntour XC-PRO
Microdrive drivetrain-
downscaled for efficiency



700 x 45c Panaracer
Smokes- The ultimate
700c mountain bike tyre.

OVERDRIVE

Dia Compe 987 cantilever
brakes- Lightweight
and compact.



They say there are no fast bikes, only fast riders. The Overdrive proves otherwise. This is a high-concept mountain bike that combines the superior rollover characteristics of 700C wheels with lively True Temper AVR chromoly tubing for true all-terrain excitement.

Shift into an Overdrive to discover a new world of all-terrain performance.



◆ OVERDRIVE ◆

FRAME: **TrueTemper** AVR tubing with Brake Booster™ seat stays.

GROUP: **SHIMANO DEORE DX** with friction-option thumbshifters.

WHEEL SET: 700 x 45c **Panaracer** Smoke tyres, Avenir Duro 17 rims, stainless steel spokes, and Shimano Deore DX hubs.

FEATURES: Selle Italia Turbo saddle, **SR** Lowfat pedals with Avenir toe clips and straps.

APEX

We don't know if you are race-ready, but we sure know the Apex is. It's a performer, the kind of bike that bolts for the finish line. And it's no wonder: Diamond Back's Performance Geometry system assures a rocket-like climb and a confidence-inspiring descent, and the oversize heat-treated chromoly tubing stands up to the abuses of the toughest courses.

Shimano's new Deore LX group gives you the slick action you used to expect from XT, plus it has the latest Shimano innovations: Rapidfire Plus Dual SIS shifting and Multi Condition brakes.

Whether you're duking it out on the NORBA circuit or pushing it on your own trail, the quickest way to reach your peak is aboard the Apex.



Avenir Gel Lite CR-MO rail saddle- High in style, low in weight.



Zoom 170 handlebar and Original stem- paired for performance.



◆ APEX ◆

FRAME: TrueTemper OX, custom drawn, 100% chromoly frame.

GROUP: New SHIMANO DEORE LX.

WHEEL SET: Panaracer Smoke tyres, Deore LX hubs, Wheelsmith stainless steel spokes.

FEATURES: Shimano sealed cartridge bottom bracket, **TIOGA** OS-HX2 headset.

◆ Performance Frame Design ◆

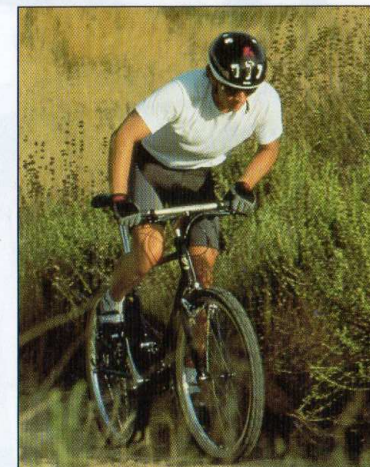
One look at a Diamond Back mountain bike and you see the distinctive sloping top tube, one of the great features of our exclusive Performance Geometry approach to frame design. The sloping top tube allows for increased standover clearance, which gives you latitude in selecting exactly the right frame for your body dimensions.

The Diamond Back top tube is longer than most. This creates what's known as a long front center, a key to mountain bike handling. A long front center helps keep the front wheel down during a tough climb. It also helps you keep your weight low and back for the very best balance and control while descending.

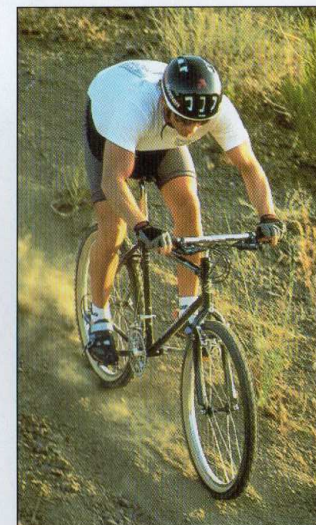
Diamond Back mountain bikes are great climbers. The key: Performance Geometry, of course — specifically, a short rear center, with short (16.7-inch) chain stays. This tight rear end effectively drives your body weight and pedaling energy directly to the rear wheel. Ergo, great climbing ability and traction — even where there shouldn't be any, in the steepest of climbs.

Performance Geometry is unique to each size on every model Diamond Back mountain bike. Because we TIG-weld all our frames by hand, we custom-tune every frame angle and dimension. This way we can assure riders of all sizes the same superb riding characteristics on every bike we make.

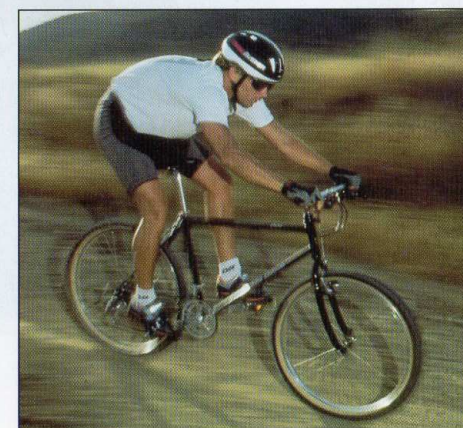
Performance Geometry is the result of extensive field testing and input from members of our racing team. The bikes they ride have exactly the same geometry as the bikes we sell in bike shops. Because Performance Geometry performs.



Short chain stays keep weight over the rear wheel where it's needed while climbing.



Long front center helps keep weight back and low for descending control.



Performance Frame Design provides smoother handling—even at high speeds.



Forged alloy seat collar—very weight conscious.

MOUNTAIN

ASCENT EX

All you really need to know about the Ascent EX is this: It rides as hot as it looks. But since you asked, we don't mind strutting its stuff a bit. Stuff like Shimano's hot new, Exage group, mated with our own double-budded chromoly Performance Geometry frame. And the trail-ready wheel setup: Tioga Psycho II skinwall tyres on Araya 32-hole rims with stainless steel spokes, Flite-style saddle, Zoom stem, DID Super Lannier chain, and more!

There's really only one way to improve the EX: with a thin layer of trail dust.



Tioga Psycho II skinwall-Light and aggressive.



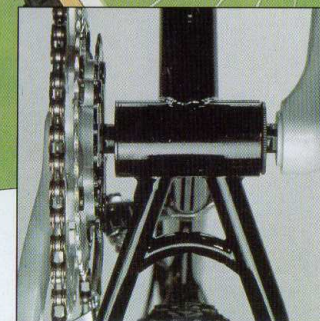
◆ ASCENT EX ◆

FRAME: TrueTemper AVR 100% chromoly frame and fork.

GROUP: Shimano Exage ES with **DUAL SIS**, Rapidfire Plus, and Multi-condition braking.

WHEEL SET: ARAYA CV-7 alloy 32 hole rims with Tioga Psycho II tyres.

FEATURES: **TIOGA** OS headset, Flite style saddle, and alloy chainrings.



Wider 73mm bottom bracket for increased clearance with even the widest tyre.

ASCENT

M O U N T A I N



The Ascent has a true Diamond Back pedigree, a real mountain bike that longs to be pointed uphill, or wherever the going is tough. It'll climb with the nimbleness of a billygoat, and descend with the confidence of a mountain lion. What's the secret? A fully double-budded chromoly True Temper frame and fork, designed with our exclusive Performance Geometry. And we've decked it out with super-light, super-strong 32-spoke Araya/Avenir/Shimano wheels.

You can pay more for a mountain bike, but all you'll get from here are refinements. You can't buy more fun than the Ascent delivers.

◆ ASCENT ◆

FRAME: Performance design **TrueTemper** AVR main frame and 100% chromoly fork.

GROUP: Shimano's best Altus group: A-10 with Rapidfire Plus, Dual SIS, and Multi-condition braking.

WHEEL SET: **ARAYA** 32 hole CV-7 alloy rims, stainless steel spokes, and Avenir Vigor tyres.

FEATURES: Forged alloy seat collar, **AVENIR** alloy handlebar, and micro-adjust seat post.

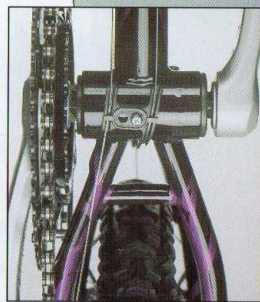
Also available in Metallic Silver with Pearl Green.

M O U N T A I N

TOPANGA

If you think you're ready for the rough stuff, the Topanga is ready for the challenge. Here's a synthesis of performance and style that begs to go off-road. The chromoly frame and fork are tough-built to our Performance Geometry specifications. And you'll love Shimano's new Altus components with Rapidfire Plus trigger-quick shifting, Dual SIS drivetrain and Multi-Condition brakes and the wheels are hot: light alloy rims, fully sealed Shimano hubs, and sticky new Avenir Vigor skinwall tyres.

Hot wheels, cool frame. What can we say? It's a hot bike. It's a cool bike. It's ready to roll.



Wider 73mm bottom bracket for increased clearance with even the widest tyre.



◆ TOPANGA ◆

FRAME: Performance design chromoly main frame with 100% chromoly fork.

GROUP: Shimano **ALTUS** 21-speed drivetrain with sealed cartridge bottom bracket.

WHEEL SET: Sealed **SHIMANO** hubs with Avenir Vigor skinwall tyres.

FEATURES: **AVENIR** Gel Comp saddle and DB oversized headset.

DI

Also available in White with Blue Pearl.

SORRENTO SPORT



New from Diamond Back;
the DBS suspension fork.



We knew when we designed and built the Sorrento that it would appeal to those with a strong desire for fun and adventure. But we also knew that, for some of you, there would be something missing - suspension. We have fitted our very own spring suspension fork to the performance geometry chromoly-Hi-tensile steel frame to give reliable and comfortable riding over rough trails or long rides. The all new Shimano Altus C10 and C20 groups have been combined, featuring rapid fire plus shifting and multi condition braking.

You'll get the best out of life when you take control of the Sorrento Sport.

◆ SORRENTO SPORT ◆

FRAME: Performance design chromoly/high tensile steel frame and Diamond Back spring suspension fork.

GROUP: Shimano **ALTUS** 21-speed drive train with **DUAL SIS** and Rapidfire Plus.

WHEEL SET: Alloy hubs with front and rear quick release. U.S. made **WEINMANN** alloy rims.

FEATURES: Double water bottle mounts, luggage rack mount, and seat quick release.

MOUNTAIN

SORRENTO

We built the Sorrento for fun and adventure — a go-anywhere bike with a tough chromoly / high-tensile steel frame and fork, mated with the same Performance Geometry that marks our more expensive Diamond Backs.

And the Sorrento comes decked out with Shimano's newest features: Dual SIS with Rapidfire Plus shifting (21-speeds!) and Multi-Condition braking for confident control. Quick-releases on both wheels make transporting the Sorrento a breeze.

It all adds up to an irresistible bike that beckons you to hop on and pedal wherever whim may take you.



Rapid Fire Plus Shifters.



◆ SORRENTO ◆

FRAME: Performance design chromoly/high tensile steel frame and fork.

GROUP: Shimano **ALTUS** 21-speed drive train with **DUAL SIS** and Rapidfire Plus.

WHEEL SET: Alloy hubs with front and rear quick release. U.S. made **WEINMANN** alloy rims.

FEATURES: Double water bottle mounts, luggage rack mount, and seat quick release.



Also available in
Blue Splatter.

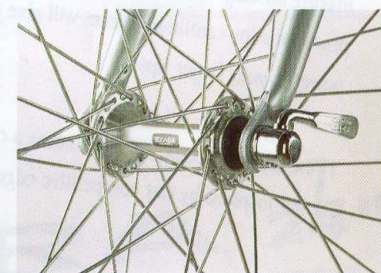


Shimano Dual SIS-
Shifting truly at your
fingertips.

CURACA

MOUNTAIN

A quick look at the Curaca and you'll see it's ready for anything you are. From its lightweight alloy wheel set and high-tensile steel frame to its 18-speed Shimano SIS shifting and Shimano alloy crankset. It will take you where you want to go. Its quick-release front hub also make wheel removal a snap when you're on the go. Curaca—It's a lot for a little, and it's ready to go!





Quick release front hub.



Also available in Women's model
and 13"/24" Boys models in Silver
Metallic and Purple Granite.

♦ CURACA ♦

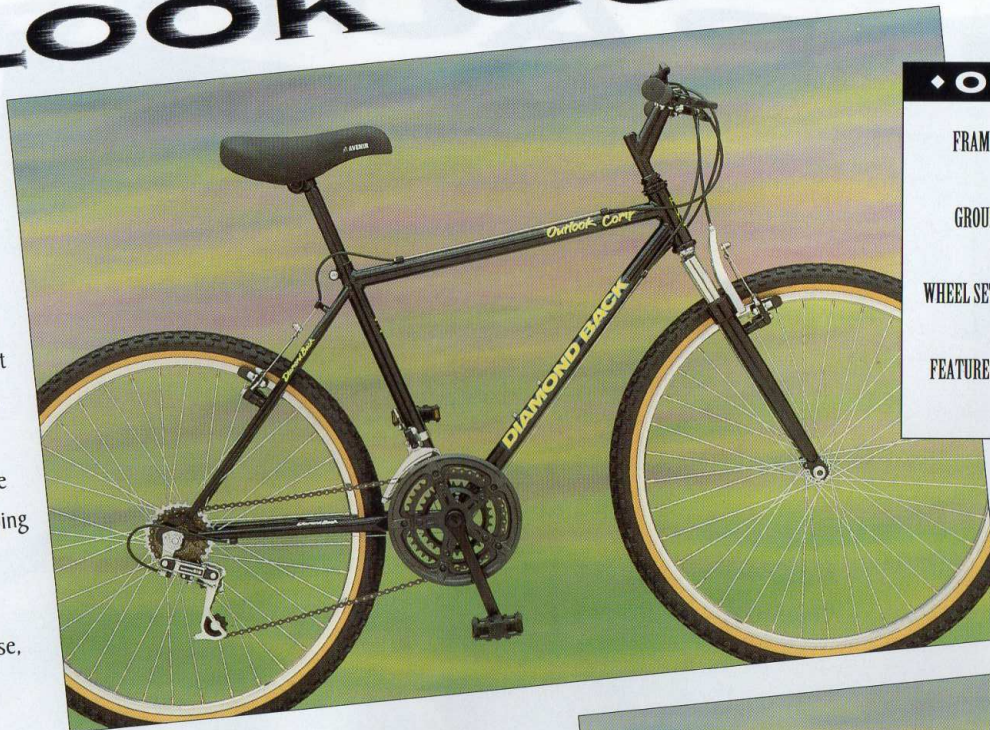
- FRAME:** Oversize hi-tensile steel with rack eyelets and water bottle mounts.
- GROUP:**  **SHIMANO** 18-sp. SIS with hyperglide, Shimano cantilever brakes.
- WHEEL SET:** Lightweight CBC alloy wheelset with front quick release.
- FEATURES:**  **SHIMANO** alloy crankset and Shimano cantilever brakes.

MOUNTAIN

OUTLOOK COMP

At Diamond Back we do not just believe in high end exclusive race machinery but in translating our professional experiences into bicycles that everyone can afford. Here it is - the most price conscious suspension Diamond Back to date. Our sprung fork combined with the comfortable anatomic saddle and easy riding position makes the Outlook Comp a great way to get into your new sport. The Shimano gears are index shifting with hyperglide system sprockets making for easy control and smooth operation. The powerful alloy cantilever brakes will give you stopping power at your finger tips.

The Outlook Comp is by no means a compromise, but inspired by our competitive edge.



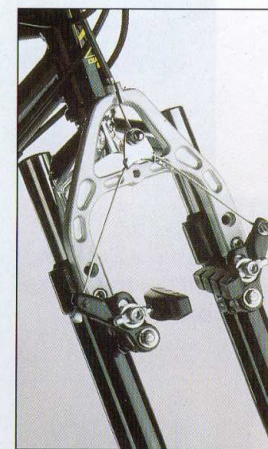
◆ OUTLOOK COMP ◆

FRAME: High Tensile welded mountain gauge frame and Diamond Back spring suspension fork.

GROUP: **SHIMANO** SIS Hyperglide 18-speed drive train with alloy cantilever brakes.

WHEEL SET: Mountain tread 26 x 1.90 gumwall tyres on steel rims.

FEATURES: Padded anatomic saddle and water bottle mounts.

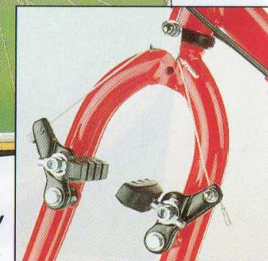
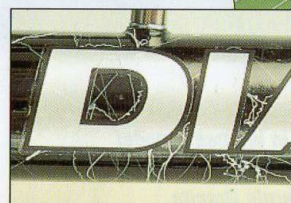


New DBS suspension fork from Diamond Back.

OUTLOOK

It sounds too good to be true; the performance and reliability of a Diamond Back at a price you won't believe. But this is a real bike backed by the kind of professional dealer service you can't find in a department store. The Outlook sports everything you need to get rolling in comfort and style. The Shimano Hyperglide shifting system is smooth with a wide range of gears that let you go as far as your spirit takes you. Powerful mountain-style brakes keep you in control, and a cushy soft anatomic saddle keeps you comfortable.

What's the Outlook for your future? Try riding the most affordable Shimano-equipped Diamond Back we've ever built.



Powerful alloy Cantilever brakes.

Also available in Black with White Spangle

◆ OUTLOOK ◆

FRAME: High Tensile welded mountain gauge frame and fork.

GROUP: **SHIMANO** SIS Hyperglide 18-speed drive train with alloy cantilever brakes.

WHEEL SET: Mountain tread 26 x 1.90 gumwall tyres on steel rims.

FEATURES: Padded anatomic saddle and water bottle mounts.

VENTURA 26"

The Ventura is our classic ladies model mountain bicycle with loads of style and practical features. We have designed the Ventura with comfort and simplicity in mind and because it also makes an excellent about town bike. The Ventura is available either as a standard (white and blue pearl effect finish) or as the equipped model in peacock blue with strong carry rack and full mud guards fitted.

Shimano provided the transmission gears with the twelve indexed gears easily operated from handlebar controls, along with the powerful alloy cantilever brakes.

Venture into versatility and style on the Ventura.



MOUNTAIN

♦ VENTURA 26" ♦

FRAME: TIG welded hi-tensile steel.

GROUP: **SHIMANO** SIS 12 speed with Hyperglide.

WHEEL SET: CBC Alloy 26x1.75.

FEATURES: Shimano **DUAL SIS** shift levers, **AVENIR** anatomically designed GelComp saddle, and override chain guard.

VENTURA 24"



*Shimano SIS
Thumb Shifters.*

*Ladies' equipped
model also available
in 26" wheel version.*

♦ VENTURA 24" ♦

FRAME: TIG welded hi-tensile steel.

GROUP: **SHIMANO** SIS 12 speed with Hyperglide.

WHEEL SET: CBC Alloy 24x1.75 rims,

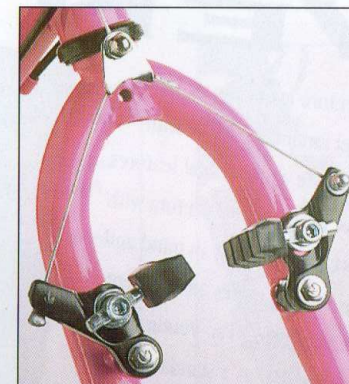
FEATURES: **AVENIR** anatomically designed GelComp saddle, and override chain guard. High visibility reflectors, mudguards, and rear carrier rack.



MOUNTAIN

RECOIL 24"

Recoil is the perfect stepping stone for young riders moving up. Its equipment and design comes straight from our adult MTB line, but is down-sized for younger riders looking for their first Mountain Bike. Quality Shimano SIS shifting, 12-speed wide ratio gearing and reliable cantilever brakes make the RECOIL 24" the ideal machine for the rider who is "moving up".



Durable alloy cantilever brakes.



◆ RECOIL 24" ◆

FRAME: Hi-tensile steel mountain frame.

GROUP: SHIMANO SIS 12-speed.

WHEEL SET: CBC 24"x1.75" rims.

FEATURES: AVENIR junior MTB saddle, cantilever brakes.

RECOIL COMP 20"



RECOIL 20"



Also available: Girl's model
in Pearl Pink.

◆ RECOIL 20" ◆

- FRAME:** Hi-tensile steel mountain frame.
- GROUP:** **SHIMANO** SIS 6-speed.
- WHEEL SET:** CBC 20"x1.75", mountain tread tyres.
- FEATURES:** **AVENIR** junior MTB saddle, cantilever brakes.

MOUNTAIN

◆ RECOIL COMP 20" ◆

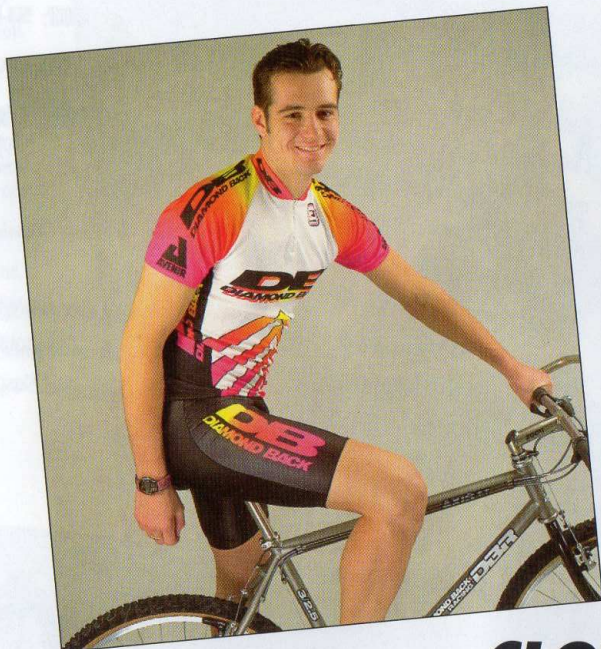
- FRAME:** Hi-tensile steel mountain frame.
- GROUP:** **SHIMANO** SIS 6-speed.
- WHEEL SET:** CBC 20"x1.75", mountain tread tyres.
- FEATURES:** **AVENIR** junior MTB saddle, cantilever brakes, Diamond Back front suspension.

If the Recoil 20" looks like it can go through anything, that's 'cause it can, thanks to the Diamond Back front suspension system. It's front end will smooth out the rough stuff and leave the competition in the dust. Its rebound action turn all those tough take-offs into super-smooth landings.

And don't let the low price fool you. The Recoil 20" is a fully warranted entry-level mount that's available only through your authorized Diamond Back dealer. And it's also fully equipped with Shimano SIS Hyperglide shifting, wide ratio gears in the back and Mountain Tread tyres, the Recoil 20" will get you where ever you want to go. Sturdy, powerful alloy cantilever brakes will bring you back safe and in total control, and a Diamond Back padded saddle will make it super comfortable. Suspension technology at a fair price. That's the Recoil 20".



◆ Clothing Line ◆



CLOTHING

Join in the action by wearing the Diamond Back Race Line Jersey and Shorts.

Diamond Back riders scored Gold Medals in the 1992 BMBF/7UP National Men's Veteran cross country, Junior and Senior Down Hill and the Trials Championships – Nice going guys!

So join the winning team in 1993 and get yourself kitted out.

Jerseys and Shorts available separately.

Sizes: S, M, L, XL

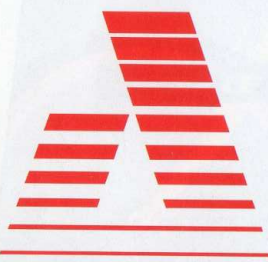
◆ Cycle Computers ◆



AV-1

Know your stuff with the AV-1 cycle computer! The AV-1 displays eight functions, including Auto start/stop, and average speed. Unlike other computers, the wheel circumference can be programmed to 1/10 of centimeter for pinpoint accuracy. The unit is waterproof and the universal fork clamp fits even the largest diameter suspension forks.

- All new electronics and LCD.
- Speed, average speed, maximum speed, distance, odometer, stopwatch, and clock.
- Available in Black, White, Silver, Gold, Malibu, and Purple.



AVENIR®

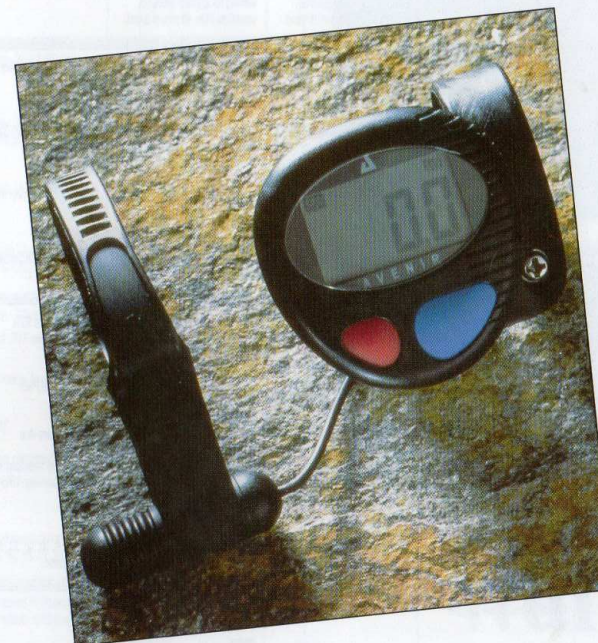
◆ Cycle Computers ◆



**Impulse
HRC**

The Avenir Impulse HRC Heart Rate Monitor combines a state of the art eight function cycle computer with a wireless ECG heart rate monitor; the cyclist can now monitor their total workout with one device. The Impulse also has a Dual Bike Function, which allows a cyclist to use the same unit on two bicycles with different wheel diameters. This unit can also be used on or off the bike, making it ideal for multi-sport enthusiasts.

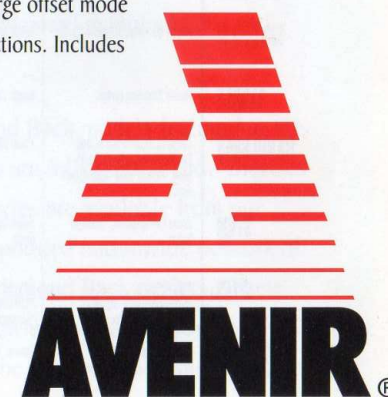
The wireless ECG heart rate monitor functions include Current Pulse, Upper and Lower Limit Alarms and Recall Memory of Time-In, below and above Target Range, Max. Pulse and Average pulse. The cycle computer functions, include Speed, Distance, Clock, Average Speed, Top Speed, Elapsed Time, Odometer and Auto Start / Stop.



AV-2

Just the facts! That's what you get with the AV-2. Large offset mode button quickly scans through four most used functions. Includes the universal fork clamp popularized by the AV-1.

- Speed, distance, odometer, and stopwatch.
- Available in Black and translucent.

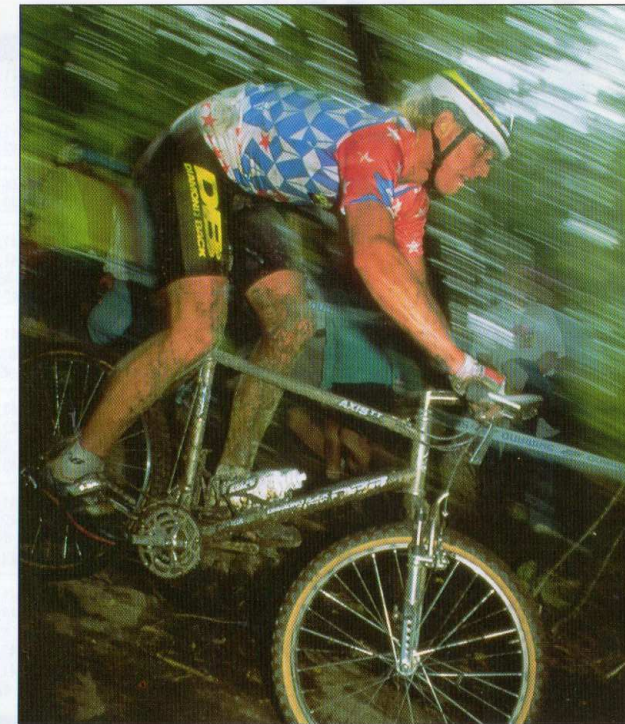


SPECIFICATIONS

| | Axis TT (XTR) | Axis TT (LX) | Dual Response | Response Elite | Axis Pro | Axis | OverDrive Comp | Overdrive | Apex | Ascent EX | Ascent | Topanga |
|------------|---|---|---|---|---|---|---|--|---|---|---|---|
| FRAME | Diamond Back design Sandvik 3/2.5 Titanium, DB designed cable stops and drop outs, oval seat mast at BB shell for added rigidity and performance. | Diamond Back design Sandvik 3/2.5 Titanium, DB designed cable stops and drop outs, oval/seat mast at BB shell for added rigidity and performance. | Diamond Back designed, TIG welded 7005 T-6 alloy main frame, 6065 T-6 alloy Post-Trac™ swingarm with 55mm diameter Teflon coated bushing tuloum point. Marzocchi air/oil rear shock, 55mm travel. | True Temper OX special short butt, double butted CR-MO tubing. Outer-butted AVR CR-MO seat tube. Brake Booster™ seat stays. DB fastback dropouts w/eyelets. 73mm, internally relieved bottom bracket shell. Forged alloy seal collar. | True Temper OX special short double-butted T/T and D/T. PG CR-MO stays. Outer-butted CR-MO S/T. TIG welded. Top tube routed cables. Two sets water bottle mounts. Rack mounts. DB forged fast-back drop-outs. | True Temper OX special short double-butted T/T and D/T. PG CR-MO stays. Outer-butted CR-MO S/T. TIG welded. Top tube routed cables. Two sets water bottle mounts. Rack mounts. DB forged fast-back drop-outs. | 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. | True Temper OX special short butt, double butted CR-MO tubing. Outer-butted AVR CR-MO seat tube. Brake Booster™ seat stays. TIG welded. DB fastback dropouts w/eyelets. 73mm, internally relieved bottom bracket shell. Forged alloy seal collar. Two water bottle mounts. Rear carrier mounts. | True Temper AVR double-butted CR-MO T/T and D/T. P.G. CR-MO stays. Outer-butted CR-MO S/T. DB fastback dropouts. TIG welded. 73mm BB shell. Top tube routed cables. Forged alloy seal collar. Two water bottle mounts. Rear carrier mounts. | True Temper AVR double-butted CR-MO T/T and D/T. P.G. CR-MO stays. Outer-butted CR-MO S/T. DB fastback dropouts. TIG welded. 73mm BB shell. Top tube routed cables. Forged alloy seal collar. Two water bottle mounts. Rear carrier mounts. | CR-MO P.G. OS main frame. TIG welded. Two sets water bottle studs for men, one set ladies. Rack mounts. DB forged fastback drop-outs. |
| FORK | Tange Super Ultralight, Triple-butted Prestige tubes. | Tange Super Ultralight, Triple-butted Prestige tubes. | New Marzocchi XC400 (air/oil), stiffer, softer, lighter. New valving for quicker rebound, smoother ride. 40 mm of travel. | New Marzocchi XC400 (air/oil), stiffer, softer, lighter. New valving for quicker rebound, smoother ride. 40 mm of travel. | Tange Super Lite 100% Chromoly taper gauge fork. | DB 766 BTX TG. 100% CR-MO Unirac. 28.6mm taper gauge blades. OS steer tube. | True Temper OX CR-MO Unirac. 28.6mm taper gauge blades w/600mm radius bend. TIG welded. | True Temper OX CR-MO Unirac. 28.6mm taper gauge blades w/600mm radius bend. TIG welded. | DB 766 BTX TG. 100% CR-MO Unirac. 28.6mm taper gauge blades. OS steer tube. | DB 766 BTX 100% CR-MO fork w/ OS blades & steer tube. 600mm radius bend. Chisel cut ends. TIG welded. Single eyelet. | DB 766 BTX 100% CR-MO fork w/ OS blades & steer tube. 600mm radius bend. Chisel cut ends. TIG welded. Single eyelet. | Full CR-MO OS Uni-crown fork. TIG welded. With eyelets and safety tips. |
| WHEELS | | | | | | | | | | | | |
| RIMS | Araya RM-395 Pro, 32H rear, 28H front. | Araya RM-17, 32H, silver. | Araya RM-17, 395 Pro 32H rear, 28H front. | Araya RM-17, alloy, silver finish, 32H, Presta. | Araya RM400 Pro, Alloy, silver, 32H, front and rear. | Araya RM400 Pro, Alloy, silver, 32H, front and rear. | Avenir Duro 7-17, 700c. Double wall, narrow alloy. Duraconic finish. Presta. | Avenir Duro 7-17, 700c. Double wall, narrow alloy. Duraconic finish. Presta. | Araya RM-17, alloy, silver finish, 32H front and rear, Presta. | Araya CV-7, Alloy, satin finish, 32H F & R. | Sunmetal L18, Alloy, satin finish, 32H F & R. | Weinmann, Alloy, satin finish, 36 hole. |
| HUBS | XTR with Titanium alloy, QR's. Custom QR skewers. | New Shimano Deore LX. Custom stainless QR skewers. | XTR with Titanium alloy, QR's. Custom QR skewers. | Shimano Deore LX, Alloy, small flange, sealed, freehub, QR 32H F&R. | Shimano XTR, small flange, 32H front and rear. | Shimano XT, small flange, 32H front and rear. | Suntour XC-Pro Micro Drive w/Grease Guard. QR 32H front & 36H rear. | Shimano Deore LX, Alloy, small flange, sealed, freehub, 32H F, 36H R. | Deore LX, small flange, sealed. Freehub. QR 32H front and rear. | Shimano alloy, small flange, RMS50Q, HG50Q, 32H front and rear. | Shimano alloy, small flange, RM 50Q, HG50Q, 32H front & rear. | Shimano, Alloy, small flange, sealed. Freehub. QR 36H front & rear. |
| SPOKES | Stainless Wheelsmith with alloy nipples. 15-16-15ga Front. 14-15-14ga rear. | Stainless Wheelsmith 14-15-14ga. | Stainless Wheelsmith with alloy nipples. 15-16-15ga Front. 14-15-14ga rear. | Wheelsmith, stainless, 14ga. | Stainless Wheelsmith 14-15-14ga. | Wheelsmith 14ga stainless. | 14-15-14ga stainless. Short 11mm nipple. | 14ga stainless. | Wheelsmith, stainless, 14ga. | 14ga stainless. | 14ga stainless. | 14ga UCP. |
| TYRES | Tioga Psycho 26 x 1.95", Kevlar bead. | Tioga Psycho 26 x 1.95", Kevlar bead. | Tioga Psycho 26 x 1.95", Kevlar bead. | Panaracer Smoke, Skinwall, 26 x 2.1. | Panaracer Compe Smoke Skinwall 26 x 2.1. | Panaracer Smoke Skinwall 26 x 2.1. | Panaracer Smoke 700 x 45c. | Panaracer Smoke 700 x 45c. | Panaracer Smoke, Skinwall, 26 x 2.1. | Tioga Psycho II, Skinwall 26 x 1.95. | Avenir Skinwall, 26 x 1.95. | Avenir Skinwall, 26 x 1.95. |
| DRIVETRAIN | | | | | | | | | | | | |
| DERAILLEUR | Rear - XTR. Front - XTR top pull. | Rear - Deore XT. Front - Deore LX top pull. | Rear - XTR. Front - XTR. | Rear - Shimano Deore XT. Front - Shimano Deore LX, top pull. | Rear - Shimano XTR. Front - Shimano XTR, top pull. | Rear - Shimano XT. Front - Shimano XT, top pull. | Rear - Suntour XC Pro Micro Drive top pull. | Rear - Shimano Deore DX. Front - Shimano Deore DX top pull. | Rear - Shimano Deore LX. Front - Shimano Deore LX, top pull. Dual SIS. | Rear - Shimano Exage ES SIS. Front - Shimano Exage LT, top pull. | Rear - Shimano Altus AT10GS. Front - Shimano Altus AT11, top pull. | Rear - Shimano Altus AT-20GS. Front - Shimano Altus CT-10. |
| SHIFTERS | XTR Rapidfire Plus. | New Shimano Deore LX Rapidfire Plus Dual SIS front shifting. | XTR Rapidfire Plus. | Shimano Deore LX, Rapidfire Plus. Dual SIS. | XTR Rapidfire Plus. | Shimano XT, Rapidfire Plus, Dual SIS. | Suntour XC Pro Micro Drive top mount thumb shifter. | Shimano Deore DX top mount thumb shifter. | Shimano Deore LX, Dual SIS, Rapidfire Plus. | Shimano Exage ES, Rapidfire Plus, Dual SIS. | Shimano Altus AT10, Rapidfire Plus, Dual SIS. | Shimano Altus AT-20 STI Rapidfire Plus, Dual SIS. |
| CHAIN | Shimano Dura-Ace. | Shimano HG 70. | Shimano Dura-Ace. | DID Super Lannier. | Shimano Dura-Ace. | Shimano HG-90. | Suntour AP01. | SedSPORT GT. | Shimano HG-70. | DID Super Lannier. | DID Super Lannier. | Shimano UG-50. |
| CRANKSET | 46 x 36 x 26 Shimano XTR. Shimano cartridge UN91. | 46 x 36 x 26 Shimano Deore LX. Low profile Shimano cartridge. | 46 x 36 x 26 Shimano XTR. Shimano cartridge UN91. | Shimano Deore LX w/round rings Superdile 26/36/46T. Shimano UN51 sealed cartridge bottom bracket. | 46 x 36 x 26 Shimano XTR. Shimano cartridge UN91. | Shimano XT round rings 46 x 36 x 26 New Front System Chainrings. Shimano cartridge UN-71. | Suntour XC Pro Micro Drive. PowerFlo 2032/42. Hard Anodized, Suntour XC Pro Grease Guard bottom bracket. | Shimano Deore DX 24/36/46T. Anatomically sized. Shimano sealed cartridge bottom bracket. | Shimano Deore LX, round rings. 26/36/46T. Shimano UN51 sealed cartridge bottom bracket. | Shimano ES, with alloy round rings. 26/36/46T New Front System Chainrings. Shimano cartridge LP-30. | Shimano Altus AT10 round rings. 26/36/46T New Front System Chainrings. Shimano cartridge LP-20. | Shimano Altus AT20 with round rings. 26/36/46T New Front System Chainrings. Shimano cartridge LP-20. |
| FREEWHEEL | 12, 13, 14, 16, 18, 21, 24, 28 XTR 8-speed. | Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. | 12, 13, 14, 16, 18, 21, 24, 28 XTR 8-speed. | Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. | 12, 13, 14, 16, 18, 21, 24, 28 XTR 8-speed. | Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. | Suntour XC Pro Micro Drive Power-Flo 11, 12, 14, 16, 18, 21, 24. | Shimano Deore DX Hyperglide, 7-speed, 12, 15, 17, 20, 23, 26, 30. | Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. | Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. | Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. | Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. |
| COMPONENTS | | | | | | | | | | | | |
| BRAKES | XTR. | New Shimano Deore LX Low Profile. | XTR. | Shimano Deore LX multi-condition braking w/three-finger levers. | XTR. | Shimano XT, multi-condition brake pads. Three finger levers. | DiaCompe 987 low profile alloy cantilever. DiaCompe SS7, gold forged alloy levers. | Shimano Deore DX low profile cantilever. Shimano Deore DX alloy two-finger levers. | Shimano Deore LX multi-condition braking w/three-finger levers. | Shimano Exage LT, alloy, multi-condition braking w/three-finger levers. | Shimano Altus AT10 alloy, multi-condition braking w/three-finger levers. | Shimano AltusCT10. Multi-condition braking w/three-finger levers. |
| PEDALS | Shimano SPD XT clipless. | Tioga Surefoot-6, alloy, Titanium finish cage, w/grease port, clips and Avenir straps. | Shimano SPD XT clipless. | Tioga Surefoot-6, alloy, Titanium finish cage, w/grease port, clips and Avenir straps. | Tioga Surefoot-6, alloy, Titanium finish cage, w/grease port, clips and Avenir straps. | Tioga Surefoot-6, alloy, Titanium finish cage, w/grease port, clips and Avenir straps. | SR Low Fat. Avenir toe clips and straps. | SR Low Fat. Avenir toe clips and straps. | Tioga Surefoot-6, alloy, Titanium finish cage, w/grease port, clips and Avenir straps. | Victor 955A, Titanium finish cage, w/CR-MO axle. Avenir toe clips and straps. | Victor 955A, Titanium finish cage, w/CR-MO axle. | Victor Zetel resin. MTN style w/CR-MO axle. |
| HEADSET | XTR 1-1/8". | Tioga Avenger alloy triple sealed. | XTR 1-1/8". | Tioga OS-HX2. Sealed. Black finish. | XTR 1-1/8". | Tioga OS-HX2. Black finish. | Tioga Avenger Oversize. Alloy triple-sealed. Black finish. | Tioga Avenger Oversize. Triple-sealed. Black chrome finish. | Tioga OS-HX2. Black. | Tioga OS-HX2. Black. | Tioga OS-HX2. Black. | DB MTN, Black. |
| SEAT POST | Avenir Ultimate, Titanium finish. | Avenir Ultimate, Titanium finish. | Zoom Custom Layback Titanium finish. | Avenir, alloy, micro-adjust. Titanium finish. 350mm. | Avenir Ultimate, Titanium finish. | Avenir alloy, micro-adjust. Titanium finish. 350mm. | Alloy alloy, micro-adjust. Anatomically sized. | Alloy alloy, micro-adjust. Anatomically sized. | Avenir, alloy, micro-adjust. Titanium finish. 350mm. | Avenir micro-adjust. Titanium finish. 350mm. | Avenir alloy micro-adjust. 350mm. Anatomically sized. | DB alloy, 300mm. Black. |
| SADDLE | Avenir Titanium comp. | Avenir Titanium comp. | Avenir Titanium comp. | Avenir Filite style, CR-MO rails, Filite style. | Avenir Titanium comp. | Avenir Gel Lite. Emerald cover, Filite style. | Selle Italia Turbo Astrale Forato. Emerald cover. | Selle Italia Turbo Astrale Forato. Emerald cover. | Avenir Gel Lite. Emerald cover, Filite style. | Avenir Gel Comp. Emerald cover, Filite style. | Avenir Gel Comp. Emerald cover, Filite style. | Avenir Gel Comp. Emerald cover, Super Soft. |
| HANDLEBAR | Tioga DL 2001 triple butted Duraluminum 560mm at 4° bend. Tioga Power Studs 1 bar ends. | Zoom 130. 6° bend. 130gm. | Tioga DL 2001 triple butted Duraluminum 560mm at 4° bend. Tioga Power Studs 1 bar ends. | Zoom 130 flat, Aluminum 6° bend. Titanium finish. | Zoom 130 flat, Aluminum 6° bend. Titanium finish. | Zoom 150 alloy, flat w/6° bend. Titanium finish. | Avenir multi-position Brahma handlebar. One-piece. Bulge center. 320g. 6061 T-6 alloy. | Avenir multi-position Brahma handlebar. One-piece. Bulge center. 320g. 6061 T-6 alloy. | Zoom 170, Aluminum, Titanium finish. | Avenir alloy, flat w/6° bend. Titanium finish. | Avenir alloy, flat w/6° bend. Bk. Titanium finish. | DB flat w/6° bend. Black. |
| STEM | Zoom Competition, Titanium finish. | Zoom Competition, Titanium finish. | Zoom Competition, Titanium finish. | Zoom Competition, Titanium finish. CR-MO. Anatomically sized. | Zoom Competition, Titanium finish. CR-MO. Anatomically sized. | Zoom Original Anatomically sized, Titanium finish. | Zoom Lightweight CR-MO. TIG welded. Titanium finish. Anatomically sized. | Zoom Lightweight CR-MO. TIG welded. Titanium finish. Anatomically sized. | Zoom Original, Titanium finish, anatomically sized, CR-MO. | Zoom Sport, Anatomically sized, Titanium finish. TIG welded. | Zoom Sport, Anatomically sized, Titanium finish. TIG welded. | DB TIG welded steel. Anatomically sized. Black. |
| SIZES | 16", 18". PERFORMANCE SIZING. Frameset available. | 16", 18". PERFORMANCE SIZING. Frameset available. | 16", 18". Frameset available w/Rearshock and Seat Post. | 16", 18". PERFORMANCE SIZING. | 16", 18". PERFORMANCE SIZING. | 16", 18", 20". PERFORMANCE SIZING. | 15", 17", 18", 21". PERFORMANCE SIZING. | 15", 17", 18". PERFORMANCE SIZING. | 14", 16", 18", 20". PERFORMANCE SIZING. | 16", 18", 20". PERFORMANCE SIZING. | 16", 18", 20", 22". PERFORMANCE SIZING. | 16", 18", 20", 22". |
| COLOURS | Natural Titanium. | Natural Titanium. | Blue Aveo anodized aluminum. | Metallic Silver w/Pearl Green Clear. | Purple Wave. | Emerald Black. | Metallic Silver Green. | Gloss Black. | Metallic Emerald Green. | Purple Starburst. | Blue Wave or Metallic Silver w/Pearl Green Clear. | Purple Illusion or White w/Blue Pearl Clear. |

All frames (except titanium and aluminum) finished with protective clear coat. All models meet or exceed BS6102 standards for bicycles. Specifications subject to change without notice. U.K. market specifications listed- specifications may vary in other countries.

| Sorrento Sport | Sorrento | Curaca | Outlook Comp | Outlook | Ventura | Recoil 24 | Recoil Comp 20 | Recoil 20 |
|--|--|---|---|--|---|--|---|--|
| High-Tensile top tube & down tube, CR-MO seat tube & OS head tube. TIG welded MTB tubing, forged dropouts with double eyelets, two sets water bottle mounts, canti bosses. | High-Tensile top tube & down tube, CR-MO seat tube & OS head tube. TIG welded MTB tubing, forged dropouts with double eyelets, two sets water bottle mounts, canti bosses. | High-Tensile Oversize Mountain frame. TIG welded w/water bottle mounts. | High-Tensile Oversize Mountain frame. TIG welded w/water bottle mounts. | High-Tensile mountain frame w/water bottle mounts. Pulse MIG welded. | High-Tensile seat tube, Carbon steel top and down tubes. Water bottle mounts. Carrier bosses on seat stays. Stamped dropouts. Ladies staggered frame design. Extras: Full CR-MO plastic mud guards. Steel Epoxy coated carrier. | High-Tensile seat tube and head tube. Carbon steel top and down tubes. TIG welded. Water bottle mounts. Carrier bosses on seat stays. Stamped dropouts. Staggered frame design on girls model. | High-Tensile tube set. Water bottle mounts. Stamped dropouts. | High-Tensile tube set. Water bottle mounts. Stamped dropouts. Staggered frame design on girls model. |
| DBS spring suspension fork, CR-MO OS steer tube including brake brace. | OS blades with CR-MO steer tube. TIG welded. Unicrown Safety dropouts. | Tange High-Tensile Oversize blades w/safety tips. | DB Suspension fork, spring design. | Tange High-Tensile. TIG welded. MTN Unicrown 1 1/4" blades w/safety tips. | Tange High-Tensile. TIG welded. MTN Unicrown 1 1/4" blades w/safety tips. | Tange High-Tensile. TIG welded. MTN Unicrown 1 1/4" blades w/safety tips. | Suspension spring design. Built for 20" wheel. | Tange High-Tensile Unicrown. 1 1/4" blades w/safety tips. |
| Weinmann 2719 Alloy satin finish, 36H. | CBC. Alloy, satin finish, 36H. QR front and rear. | CBC. Alloy 26 x 1.75. 36H. | CBC. Alloy 26 x 1.75. 36H. | Alloy, 26 x 1.75, 36H. | Alloy, 26 x 1.75, 36H. | Alloy, 24 x 1.75, 36H. | Alloy, 20 x 1.50, 36H. | Alloy, 20 x 1.50, 36H. |
| Shimano HB-RM50 QR and FH-HG20 QR. 36H front and rear. | Shimano, RM50Q and HG20Q, alloy. 36H front and rear. | Alloy, QR front. | Steel CP, small flange, nutted front and rear. | Steel CP, small flange, nutted front and rear. | Steel CP, small flange, nutted front and rear. | Steel CP, small flange, nutted front and rear. | Steel CP, small flange, nutted front and rear. | Steel CP, small flange, nutted front and rear. |
| 14ga UCP. | 14ga UCP. | 14ga UCP. | 14ga UCP. | 14ga UCP. | 14ga UCP. | 14ga UCP. | 14ga UCP. | 14ga UCP. |
| DB Mountain tread, gumwall, 26 x 1.95. | DB Mountain tread, gumwall, 26 x 1.95. | DB Mountain tread, gumwall, 26 x 1.95. | DB Mountain tread, gumwall, 26 x 1.95. | DB Mountain tread, gumwall, 26 x 1.95. | DB Mountain tread, gumwall, 26 x 1.95. | DB Mountain tread, gumwall, 24 x 1.75. | Kenda Mountain tread, gumwall, 20 x 1.75. | Kenda Mountain tread, gumwall, 20 x 1.75. |
| Rear - Shimano - CT10GS direct mount. Front - Shimano - CT20. | Rear - Shimano Altus CT10GS. Front - Shimano Altus CT20. | Rear - Shimano TY20 w/bracket. Front - Shimano TY21. | Rear - Shimano TY20 w/bracket. Front - Shimano TY25. | Rear - Shimano Tourney TY20. Front - Shimano Tourney TY25. | Rear - Shimano Tourney TY20. Front - Shimano Tourney TY20. | Rear - Shimano Tourney TY20. Front - Shimano Tourney TY20. | Rear - Shimano Tourney TY20. | Rear - Shimano Tourney TY20. |
| Shimano CT15 Rapidfire, with indicator Dual SIS. | Shimano CT15 Rapidfire, with indicator Dual SIS. | Shimano Tourney MY21 w/Dual SIS. | Shimano Tourney MY20. | Shimano Tourney MY20. | Shimano Tourney MY20. | Shimano Tourney MY20. | Shimano Tourney MY20. | Shimano Tourney MY20. |
| Shimano UG-50. | Shimano UG-50. | Shimano UG-50. | Shimano UG 50. | Shimano UG 50. | Shimano UG 50. | Shimano UG 50. | KMC. | KMC. |
| Shimano CT20. 28/38/48T New Front System Chainrings. Dual SIS. | Shimano Altus CT20, alloy crank, 28/38/48T New Front System Chainrings. Round rings. | Shimano TY21 alloy 28/38/48T w/round rings. Dual SIS. | Sugino steel 28/38/48T w/chain guard. Black. | Steel cotterless 28/38/48T. Black finish, round chainrings w/ chain guard. | Steel cotterless 40/48T w/chain guard. | Steel cotterless 40/48T 152mm crank w/chain guard. Black. | Steel cotterless 40T 140mm. | Steel cotterless 40T 140mm. |
| Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. | Shimano Hyperglide cassette, 7-speed, 12, 14, 16, 18, 21, 24, 28. | Shimano Hyperglide 6-speed, 14, 16, 18, 21, 24, 28. | Shimano Hyperglide, 6-speed, 14, 16, 18, 21, 24, 28. | Shimano Hyperglide, 6-speed, 14, 16, 18, 21, 24, 28. | Shimano 6-speed, 14, 16, 18, 21, 24, 28. | Shimano 6-speed, 14, 16, 18, 21, 24, 28. | Shimano 6-speed, 14, 16, 18, 21, 24, 28. | Shimano 6-speed, 14, 16, 18, 21, 24, 28. |
| Shimano Altus CT20, Multi-condition braking w/three-finger levers. | Shimano Altus CT20, Multi-condition braking w/three-finger levers. | Lee Chi alloy cantilever F & R. MTN 3-finger resin levers. Black. | Lee Chi alloy cantilever F & R. MTN 3-finger resin levers. Black. | Lee Chi alloy cantilever F & R. MTN 3-finger resin levers. Black. | Lee Chi alloy cantilever F & R. MTN 3-finger resin levers. Black. | Lee Chi alloy cantilever F & R. MTN 3-finger resin levers. Black. | Shimano TY20 new low profile cantilever w/M-system pads. | Shimano TY20 new low profile cantilever w/M-system pads. |
| Victor Zytel resin. MTN style w/CR-MO axle. | Victor Zytel resin. MTN style w/CR-MO axle. | Victor VP-872 Vinyl MTN style w/Boron axle. | Victor VP-872 Vinyl MTN style w/Boron axle. | Victor Zytel resin. MTN style w/Boron axle. | Victor VP-872 Vinyl MTN style w/Boron axle. | Victor VP-872 Vinyl MTN style w/Boron axle. | Victor VP-872 Vinyl MTN style w/CR-MO axle. | Victor VP-872 Vinyl MTN style w/CR-MO axle. |
| DB MTN, Black. | DB MTN, Black. | DB MTN, Black. | DB MTN, Black. | DB MTN, Black. | DB MTN, Black. | DB MTN, Black. | DB MTN, Black. | DB MTN, Black. |
| DB alloy, 300mm. Black. | DB alloy, 300mm. Black. | DB alloy, 300mm. | Steel, C.P. finish. | Steel, C.P. finish. | Steel, C.P. finish. | Steel, C.P. finish. | Steel, C.P. finish. | Steel, C.P. finish. |
| Avenir Gel Comp. Emerald cover. Super Soft. | Avenir, Emerald cover, Super Soft. | Avenir, Anatomic. Emerald cover, Super Soft. | Padded anatomic, Super Soft, Emerald cover. | Padded anatomic, Super Soft, Emerald cover. | Velo. Black. | Viscount. Black. | Black w/Diamond Back logo. | Black w/Diamond Back logo. |
| DB MTN steel, flat w/6" bend, Black. | DB MTN steel, flat w/6" bend, Black. | DB MTN steel, flat w/6" bend, Black. | DB MTN steel, flat w/6" bend, Black. | DB MTN steel, flat w/6" bend, Black. | DB MTN steel, flat w/6" bend, Black. | DB MTN steel, flat w/6" bend, Black. Width 520mm. | DB MTN steel, flat w/6" bend, Black. Width 520mm. | DB MTN steel, flat w/6" bend, Black. Width 520mm. |
| DB TIG welded steel. Anatomically sized. | DB TIG welded steel. Anatomically sized. | DB TIG welded steel. | DB TIG welded steel, Black. | DB TIG welded steel, Black. | DB TIG welded steel, Black. | DB TIG welded steel, Black. 105° rise. 60mm extension. | DB TIG welded steel, Black. 105° rise. 65mm extension. | DB TIG welded steel, Black. 105° rise. 65mm extension. |
| 16", 18", 20", 22". | Mens: 16", 18", 20", 22". Ladies: 16", 20". | Mens: 17", 19", 21". Ladies: 17.5", 19.5". Boys: 13" w/24" wheels. | Mens: 17", 19", 21". Boys: 24" x 13.5" Frame. | Mens: 15", 17", 19", 21". Ladies: 17.5", 19.5". Boys and Girls: 24" x 13.5" Frame. | Ladies: 17.5", 19.5". Girls (F.E): 13.5" w/24" wheels. | 13" frame w/24" wheels. | 11" frame w/20" wheels. | 11" frame w/20" wheels. |
| Red Starburst. | Mens and Ladies: Blue, Splatter or Red Illusion. | Metallic Silver or Purple Granite. | Black. | Mens and Ladies: Red or Black w/White Spangle. Boys: Black w/White Spangle. | Ladies: White w/Blue Pearl. Ladies & Girls (F.E): Peacock Blue. | Boys: Neon Yellow. Girls: Pearl Pink. | Metallic Black. | Boys: Neon Yellow. Girls: Pearl Pink. |



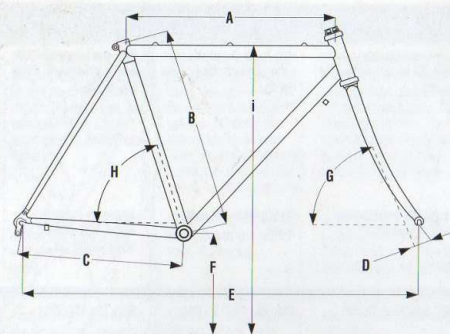
◆ Warranty ◆

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

All Diamond Back models featured in this catalogue are fully guaranteed. Bicycles and accessories are available from our officially appointed nationwide network of specialist Diamond Back dealers. Their intimate knowledge of the products will afford you the best possible sales and after sales service.

GEOMETRY

| | FRAME SIZE | TOP TUBE | SEAT TUBE | CHAIN STAY | FORK OFFSET | WHEEL BASE | B.B. HEIGHT | HEAD ANGLE | SEAT ANGLE | STAND HEIGHT | STEM LENGTH | CRANK LENGTH | BAR WIDTH |
|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Axis TT | 16" 18" | 22" 22.8" | 16" 18" | 16.7" 16.7" | 1.8" 1.8" | 41.3" 42.1" | 11.9" 11.9" | 72° 72° | 73° 73° | 29.2" 30.6" | 105mm 105mm | 175mm 175mm | 560mm 560mm |
| Response Elite | 16" 18" | 22" 22.8" | 16" 18" | 16.7" 16.7" | 1.55" 1.55" | 41.3" 42.1" | 11.9" 11.9" | 71.5° 71.5° | 72.5° 72.5° | 29.5" 31" | 105mm 120mm | 175mm 175mm | 560mm 560mm |
| Axis & Axis Pro | 16" 18" | 22" 22.8" | 16" 18" | 16.7" 16.7" | 1.8" 1.8" | 41.3" 42.1" | 11.9" 11.9" | 72° 72° | 73° 73° | 29.2" 30.6" | 105mm 105mm | 175mm 175mm | 560mm 560mm |
| Overdrive & Overdrive Comp | 15" 17" 19" 21" | 21.5" 22" 22.8" 23.5" | 15" 17" 19" 21" | 16.9" 16.9" 16.9" 16.9" | 1.8" 1.8" 1.8" 1.8" | 41.1" 41.2" 42" 42.6" | 11.9" 11.9" 11.9" 11.9" | 71° 72° 73° 72° | 73° 73° 73° 73° | 29.2" 30.4" 31.9" 33.3" | 90mm 135mm 135mm 150mm | 165mm 170mm 175mm 175mm | 580mm 580mm 580mm 580mm |
| Apex | 16" 18" 20" | 22" 22.8" 23.5" | 16" 18" 20" | 16.7" 16.7" 16.7" | 1.8" 1.8" 1.8" | 41.7" 42.4" 43" | 11.9" 11.9" 11.9" | 71° 71° 71° | 73° 73° 73° | 29.1" 30.5" 32" | 105mm 120mm 120mm | 175mm 175mm 175mm | 560mm 560mm 580mm |
| Ascent & Ascent EX | 16" 18" 20" 22" | 22" 22.8" 23.5" 24.4" | 16" 18" 20" 22" | 16.7" 16.7" 16.7" 16.7" | 1.8" 1.8" 1.8" 1.8" | 41.7" 42.4" 43" 43.7" | 11.9" 11.9" 11.9" 11.9" | 71° 71° 71° 71° | 73° 73° 73° 73° | 29.1" 30.5" 32" 33.4" | 105mm 120mm 120mm 120mm | 175mm 170mm 175mm 175mm | 560mm 560mm 560mm 580mm |
| Topanga | 16" 18" 20" 22" | 22" 22.8" 23.5" 24.4" | 16" 18" 20" 22" | 16.7" 16.7" 16.7" 16.7" | 1.8" 1.8" 1.8" 1.8" | 41.7" 42.4" 43" 43.7" | 11.9" 11.9" 11.9" 11.9" | 71° 71° 71° 71° | 73° 73° 73° 73° | 29.1" 30.5" 32" 33.4" | 80mm 105mm 105mm 105mm | 170mm 170mm 170mm 170mm | 560mm 560mm 580mm 580mm |
| Sorrento & Sorrento Sport | 16" 18" 20" 22" L-16" L-20" | 22" 22.8" 23.5" 24.4" 22.3" 23.7" | 16" 18" 20" 22" 16" 20" | 16.7" 16.7" 16.7" 16.7" 16.7" 16.7" | 1.8" 1.8" 1.8" 1.8" 1.8" 1.8" | 41.7" 42.4" 43" 43.7" 41.7" 43" | 11.9" 11.9" 11.9" 11.9" 11.9" 11.9" | 71° 71° 71° 71° 71° 71° | 73° 73° 73° 73° 73° 73° | 29.1" 30.5" 32" 33.4" 26.6" 27.1" | 80mm 105mm 105mm 105mm 80mm 105mm | 170mm 170mm 170mm 170mm 170mm 170mm | 560mm 560mm 580mm 580mm 560mm 580mm |



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

Note: Frame Size/Seat Tube dimensions are center-to-top on all mountain models.

◆ Sizing Yourself ◆

Due to our sloping top tube design, which gives you greater top tube clearance, the correct size Diamond Back for you may be one size smaller than other conventionally designed brands.

The Diamond Back sloping top tube design makes it easier to get on and off your bike, especially in rugged or steep terrain. The lowered top tube results in a generally lighter and stiffer frame than conventional designs, and adds to the nimbleness of the handling.

To ensure correct fit, first assure that you have 3 to 4 inches of clearance over the top tube when standing over the bike. Then assure that your elbow will be slightly bent when sitting on the bike in riding position with your hands on the grips.

Your nearest specialist Diamond Back dealer is:



Diamond Back, DBR and Avenir products are exclusively distributed in the U.K. by:

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