

1993



**DIAMOND
BACK**

◆ Mountain ◆

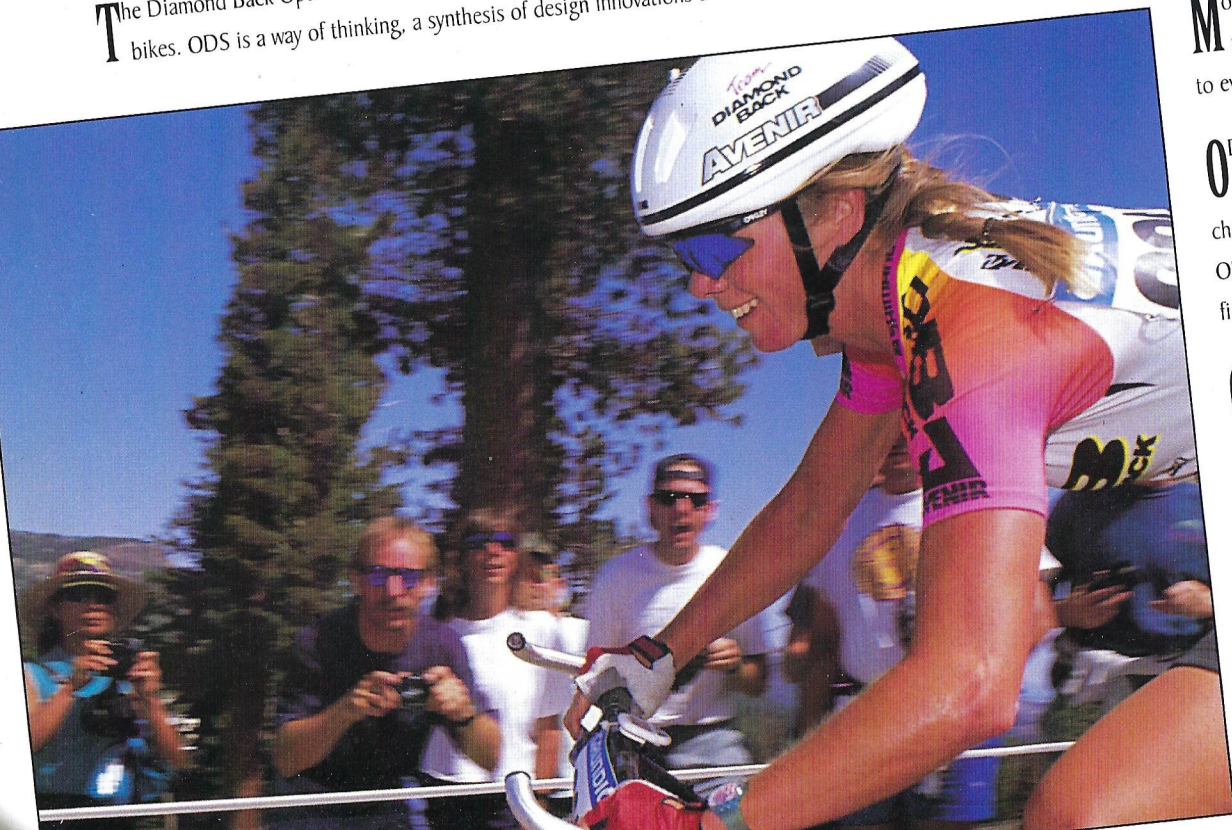
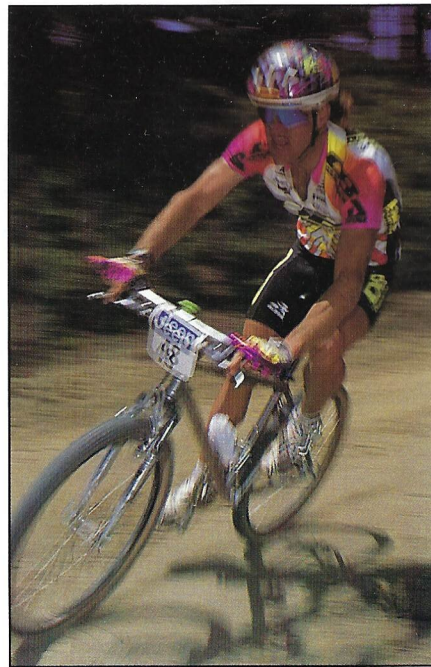
◆ Diamond Back ◆

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-butted 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.

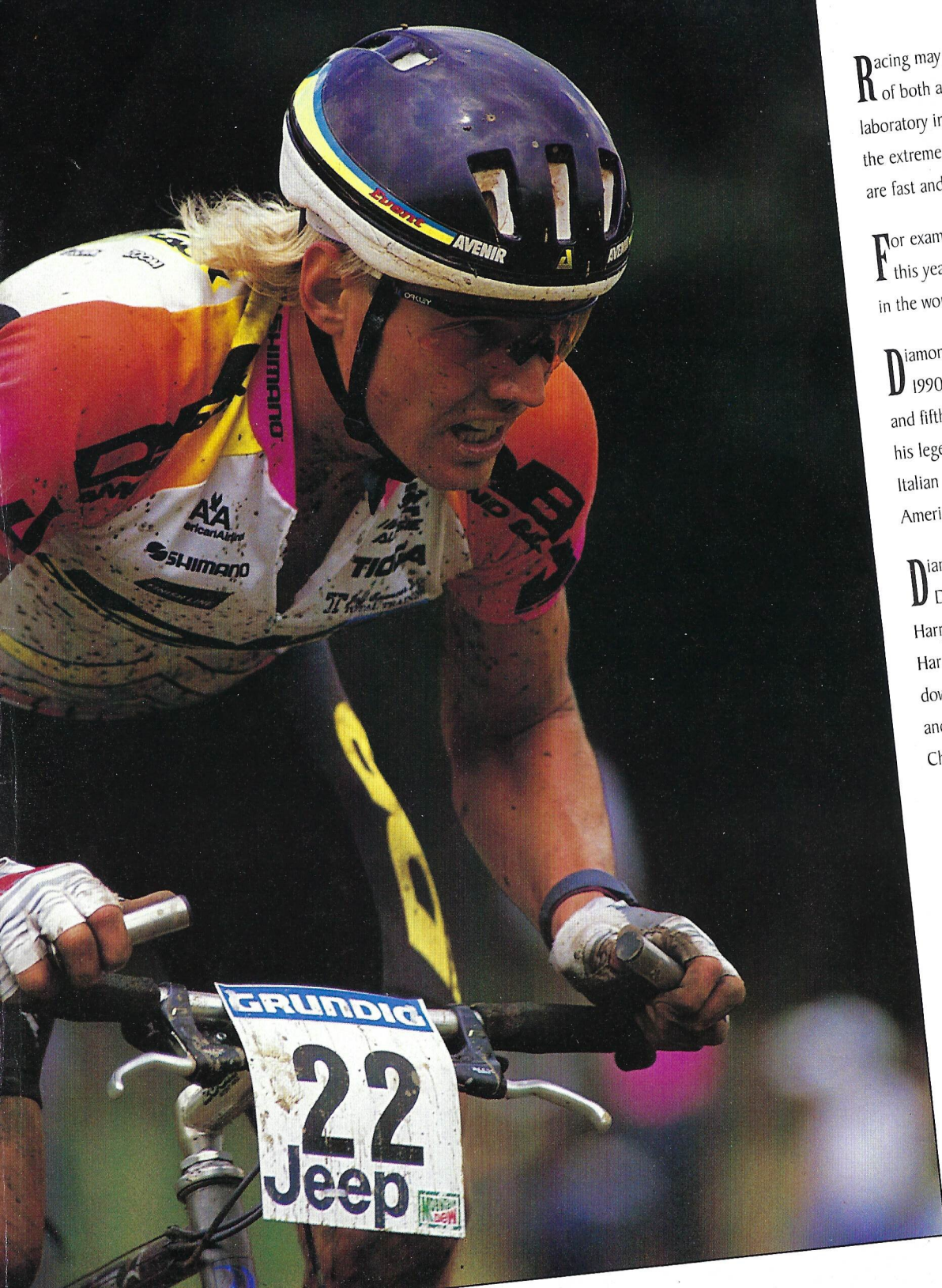
ODS includes things like double-tapered Brake Booster seat stays that assure the strongest possible braking. It's a wider (73mm) bottom bracket, which spreads the chain stays just enough to assure easy clearance for the fattest tires around. ODS is also an oversized head tube and 600mm radius fork, which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

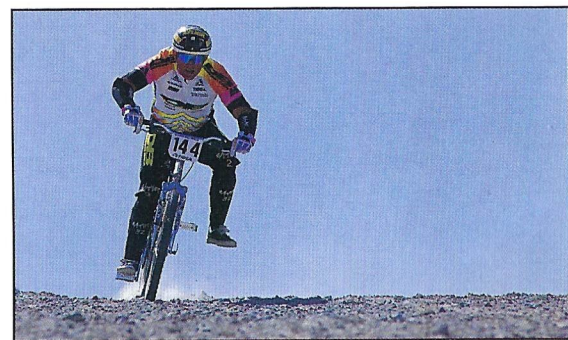


Racing may not be for everybody, but it's the ultimate test of both athlete and bicycle. Diamond Back is serious about racing because we know that it's the best laboratory in the world. We take the input of our racing teams seriously. We build our bikes to meet the extreme demands of racing under the 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, plus some of America's top expert and veteran riders.

Diamond Back's own Product Development Manager, Harry Leary, also gets into the act. Harry is a former BMX star who is a downhill specialist. He has won silver and bronze medals in the World Championship dual slalom event.



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.

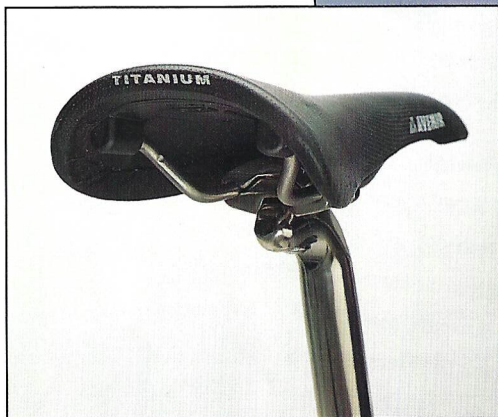
Developed by our own design team, we introduce DBR (Diamond Back Racing). The Axis Team Titanium and Dual Response models take Diamond Back's racing heritage to new heights. Tested and refined in the unforgiving arena of international racing, the DBR models incorporate new materials, new engineering,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

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

◆ 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 tires 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 tires.

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



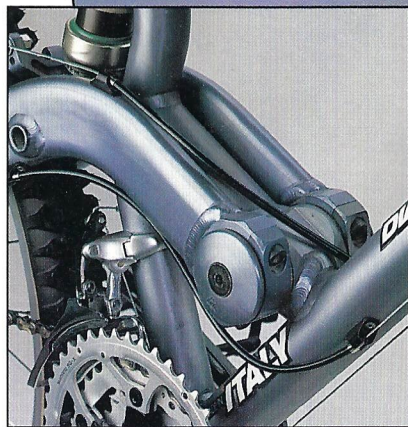
Extras like custom skewers help make the Axis TT XTR a leader in its class.



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 new high-tech LX group, replete with Dual SIS and Multi-Condition braking, plus XT rear derailleur and pedals, titanium saddle, Araya RM-17 rims and Tioga Psycho tires.

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.



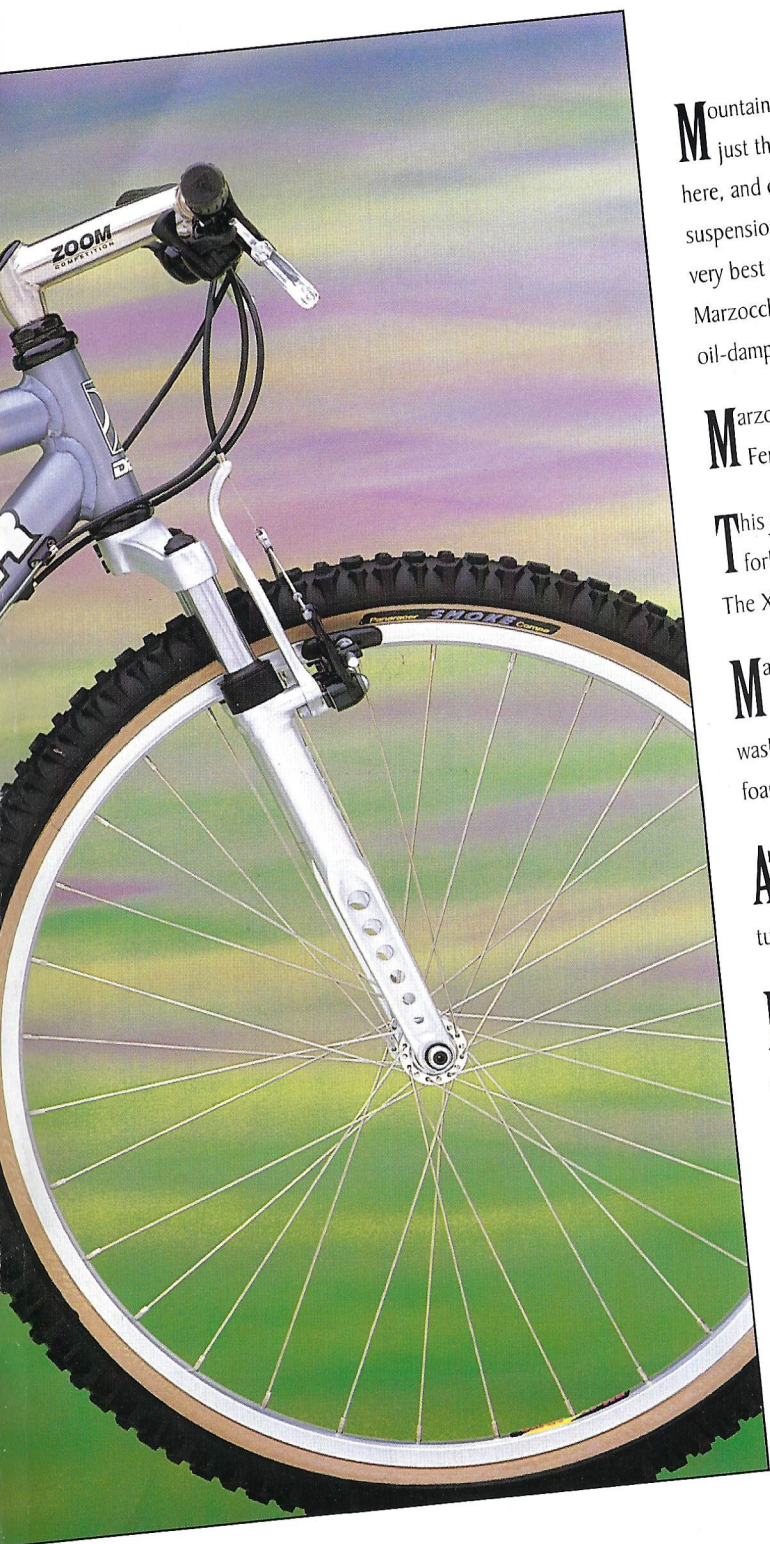
◆ DUAL RESPONSE ◆

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

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

WHEEL SET: Deore LX hubs, butted stainless Wheelsmith spokes, Araya RM-17 rims, and **TIOGA** Psycho Kevlar bead tires.

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



◆ 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 1 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.

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.

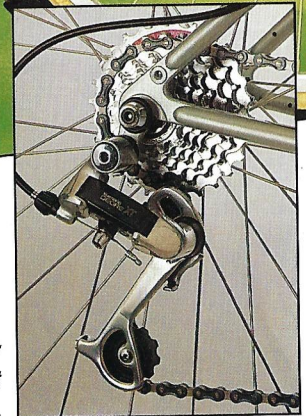


◆ RESPONSE ELITE ◆

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



Gnarly Panaracer Smokes- no traction problems here.



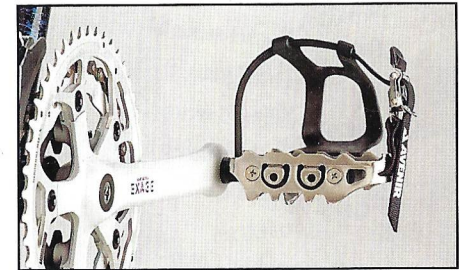
Shimano Deore XT rear derailleur- a perfect complement to the new Deore LX group.

RESPONSE SPORT



The Response Sport is designed to be thrashed. Your body isn't. And neither is your wallet. So here it is: A brand new suspension bike that smooths out the bumps of the roughest trails, for a price that won't rough you up a bit. The True-Temper AVR 100% chromoly frame is rugged and ready, and it's dressed up with Diamond Back's new suspension fork, and all the latest trick stuff from Shimano. Add to all this some nifty details like Tioga Psycho II tires, Zoom stem and Araya rims and you've got a machine destined for dust.

Suspension is no longer a luxury, it's reality. Diamond Back Response Sport... You gotta have it.



Victor pedals with Avenir toe clips and straps- a no slip situation.



Diamond Back Suspension- reliable and worry free.

◆ RESPONSE SPORT ◆

FRAME: True Temper AVR 100% chromoly frame with **DIAMOND BACK** suspension fork.

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

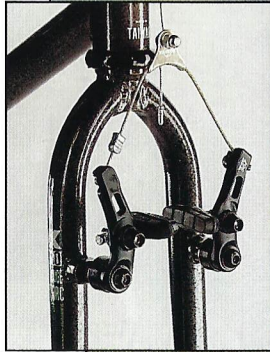
WHEEL SET: **ARAYA** CV-7 alloy 32 hole rims with Tioga Psycho II tires.

FEATURES: Diamond Back suspension fork, Tioga OS headset, and **SHIMANO** sealed bottom bracket.

OVERDRIVE COMP

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.



Dia Compe 987 cantilever brakes- Lightweight and compact.



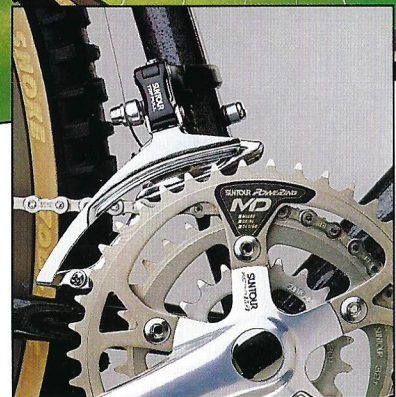
◆ OVERDRIVE COMP ◆

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.

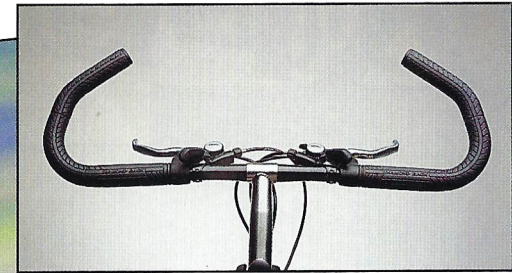
FEATURES: SELLE ITALIA saddle, Avenir Brahma multi-position handlebar.



Suntour XC-PRO Microdrive drivetrain-downscaled for efficiency

OVERDRIVE

M O U N T A I N



Avenir multi-position Brahma handlebar- more hand positions and climbing power.

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.



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

◆ 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 tires, Avenir Duro 7-17 rims, stainless steel spokes, and Shimano Deore DX hubs.

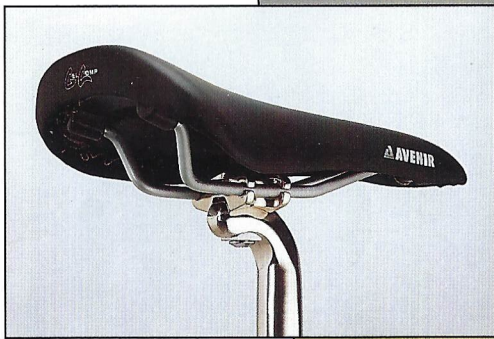
FEATURES: Selle Italia Turbo saddle, SR Lowfat pedals with Avenir toe clips and straps.

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 tires, Deore LX hubs, Wheelsmith stainless steel spokes.

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

◆ Performance Frame Design ◆

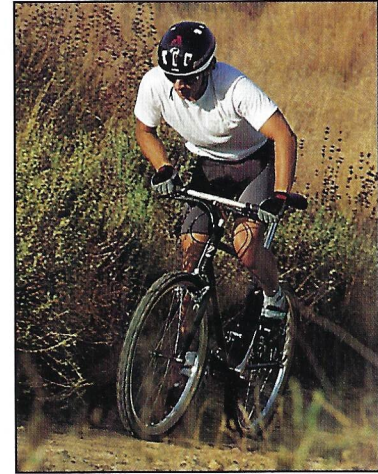
One look at a Diamond Back mountain bike and you see the distinctive sloping top tube, one of the great features of our exclusive Performance Geometry approach to frame design. The sloping top tube allows for increased standover clearance, which gives you latitude in selecting exactly the right frame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

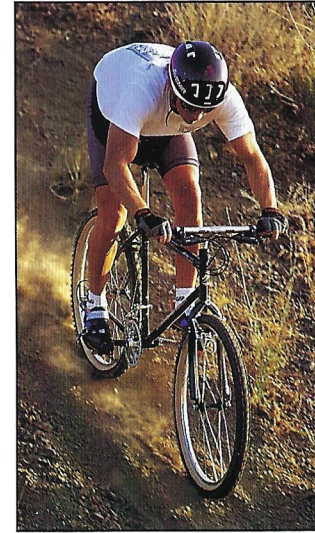
Diamond Back mountain bikes are great climbers. The key: Performance Geometry, of course — specifically, a short rear center, with short (16.7-inch) chain stays. This tight rear end effectively drives your body weight and pedaling energy directly to the rear wheel. Ergo, great climbing ability and traction — 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.

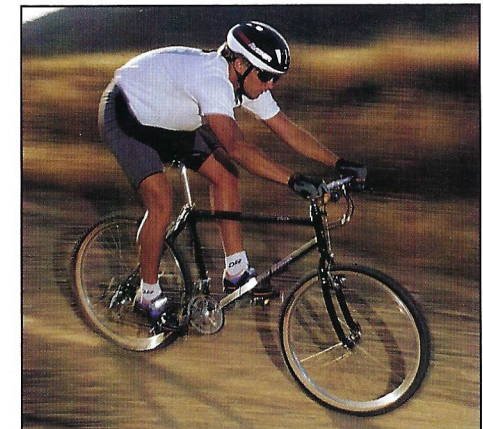
Performance Geometry is the result of extensive field testing and input from members of our racing team. The bikes they ride have exactly the same geometry as the bikes we sell in bike shops. Because Performance Geometry performs.



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.

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



*Tioga Psycho II skinwall-
Light and aggressive.*

don't mind strutting its stuff a bit. Stuff like Shimano's hot new, Exage group, mated with our own double-buttressed chromoly Performance Geometry frame. And the trail-ready wheel setup: Tioga Psycho II skinwall tires 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.



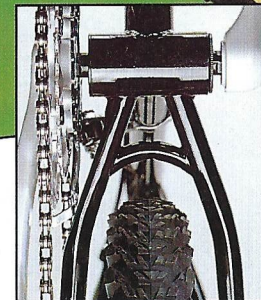
◆ ASCENT EX ◆

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 tires.

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



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

ASCENT

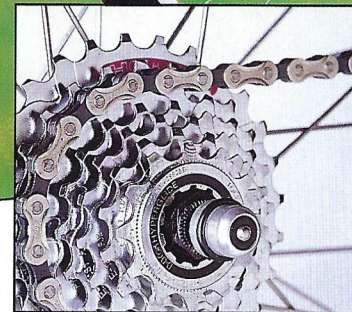


The Ascent has a true Diamond Back pedigree, a real mountain bike that longs to be pointed uphill, or wherever the going is tough. It'll climb with the nimbleness of a billygoat, and descend with the confidence of a mountain lion. What's the secret? A fully double-butted chromoly True Temper frame and 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.



Also available in Metallic Silver with Pearl Green.



DID Super Lannier chain-Contoured sideplates for silky shifting.

◆ 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 tires.

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

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.



New Avenir Vigor-Agressive open tread pattern.

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 all-black skinwall tires.

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



◆ TOPANGA ◆

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

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

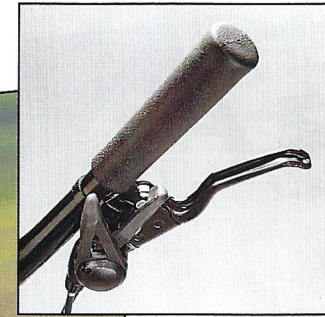
WHEEL SET: Sealed **SHIMANO** hubs with Avenir Vigor skinwall tires.

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



Also available in Purple Illusion.
(men's and ladies')

SORRENTO



Shimano Rapidfire Plus with Dual SIS - Shifting truly at your fingertips.

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.

◆ 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 Gloss Black.
(men's and ladies')*

TRAVERSE

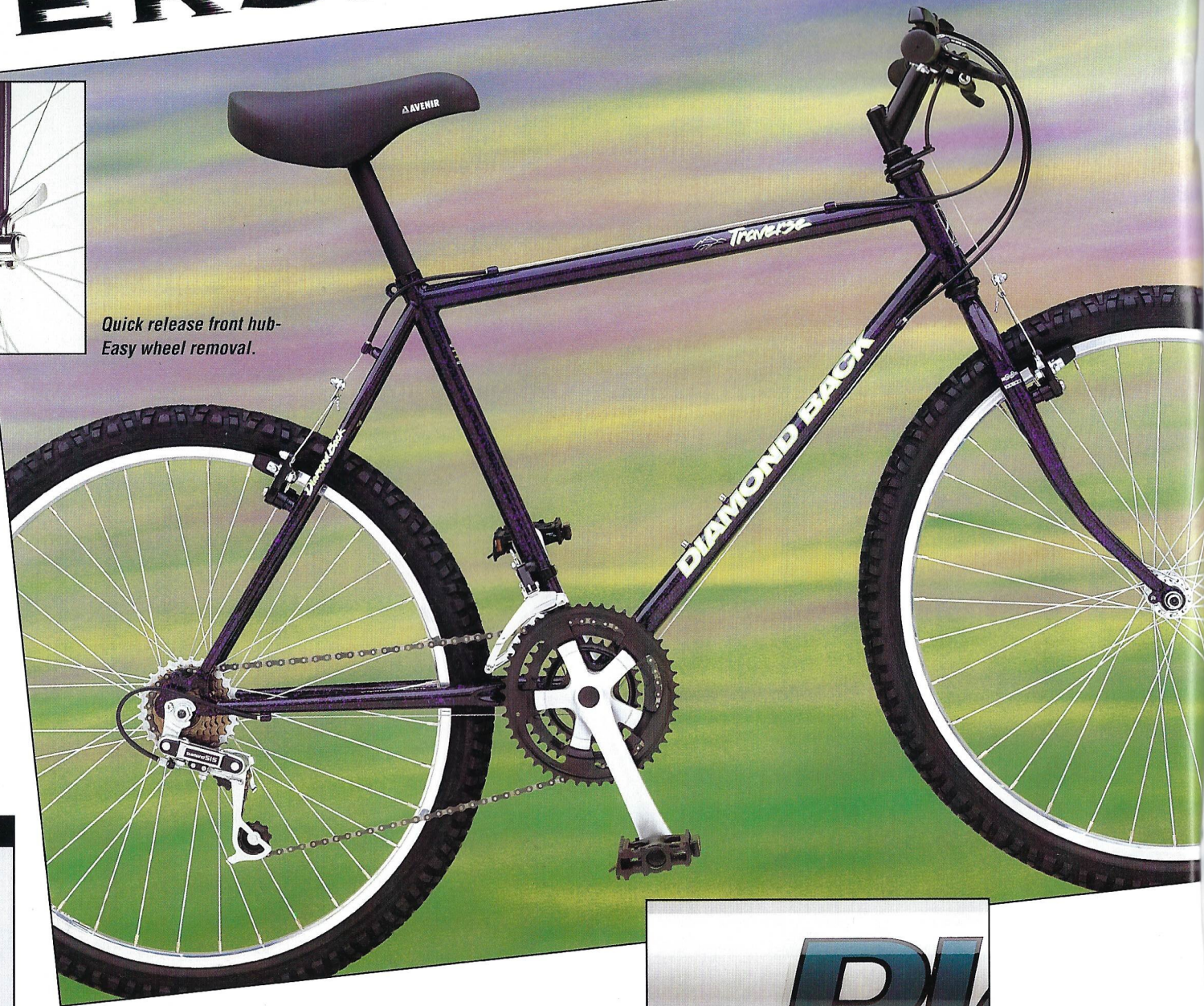
The Traverse looks fast and tough — because it is! But it also has weight-saving features you wouldn't expect from any bike in its price range, like light alloy Weinmann wheels and Shimano alloy crankset.



Quick release front hub— Easy wheel removal.

Translation: A blast to ride. And the front wheel has a quick release hub, so it's also a snap to transport your Traverse to your favorite riding grounds. It's built Diamond Back-tough from Oversize Mountain-gauge tubing, and it boasts all the latest shifting technology from Shimano: Hyperglide, Dual SIS and 18 speeds. That means you've got gears from "low" to "go," full speed ahead.

The Traverse — rough, tough, ready to roll.



◆ TRAVERSE ◆

FRAME: High tensile OS mountain gauge frame and fork.

GROUP: SHIMANO Tourney Hyperglide drive train with **DUAL SIS**.

WHEEL SET: U.S. made alloy mountain rims with quick release hubs.

FEATURES: Light alloy SHIMANO crankset and alloy cantilever brakes.



Also available in White with Blue Pearl (men's & ladies').

OUTLOOK

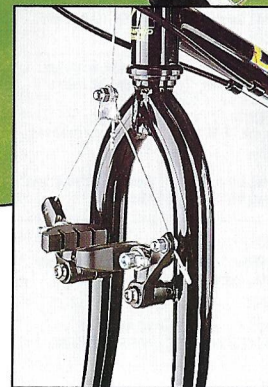


It sounds too good to be true: the performance and reliability of a Diamond Back at a price you won't believe. But this is a real bike, backed by the kind of professional dealer service you can't find in a department store or a toy store. The Outlook sports everything you need to get rolling in comfort and style. The Shimano Hyperglide shifting system is smooth with a wide range of gears that lets 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.




Also available in Red (men's and ladies'), Also, Neon Yellow (boys') and Pink (girls')- Not shown.



Powerful alloy cantilever brakes.

◆ 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 black wall tires on steel rims.

FEATURES: Padded anatomic saddle and water bottle mounts.

SPECIFICATIONS

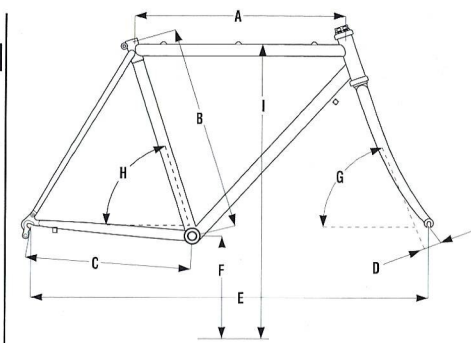
	M	O	U	N	T	A	I					
	Axis TT (XTR)	Axis TT (LX)	Dual Response	Response Elite	Response Sport	Overdrive Comp	Overdrive	Apex	Ascent EX	Ascent	Topanga	Sorrento
FRAME	Diamond Back design Sandvik 3/2.5 Titanium, DB designed cable stops and drop outs, oval seat mast at BB shell for added rigidity and performance.	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, 6085 T-6 alloy Posi-Trac™ swingarm with 55mm diameter Teflon coated bushing lube 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™ seal stays. DB fastback dropouts w/eyelets. 73mm, internally relieved bottom bracket shell. Three H ₂ O bottle mounts. Forged alloy seat collar.	True Temper AVR 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™ seal 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™ seal 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™ seal stays. TIG welded. DB fastback dropouts w/eyelets. 73mm, internally relieved bottom bracket shell. Three H ₂ O bottle mounts. Forged alloy seat collar.	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 seat 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 seat 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.	High-Tensile OS main frame, CR-MO seat tube. TIG welded. Two sets water bottle mounts. 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. 40mm of travel.	New Marzocchi XC400 (air/oil), stiffer, softer, lighter. New valving for quicker rebound, smoother ride. 40mm of travel.	Diamond Back Suspension Fork (DBS)	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 BTV TG. 100% CR-MO Unirac 28.6mm taper gauge blades. OS steer tube.	DB 766 BTV 100% CR-MO fork w/ OS blades & steer tube. 600mm radius bend. Chisel cut ends. TIG welded. Single eyelet.	DB 766 BTV 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 lips.	OS blades with CR-MO steer tube. TIG welded. Unicrown w/ESB-1 drop-outs.
WHEELS												
RIMS	Araya RM-395 Pro, 32H rear, 28H front.	Araya RM-17, 32H, silver.	Araya RM-17, 32H, silver.	Araya RM-17, alloy, silver finish, 32H, Presta.	Araya CV-7, Alloy, silver, 32H, front and rear.	Avenir Duro 7-17. 700c. Double wall, narrow, alloy. Duro-nomic finish. Presta.	Avenir Duro 7-17. 700c. Double wall, narrow, alloy. Duro-nomic finish. Presta.	Araya RM-17, alloy, silver finish, 32H front and rear, Presta.	Araya CV-7. Alloy, satin finish. 32H F & R.	Araya CV-7. Alloy, satin finish. 32H F & R.	Sun L-18. Alloy, satin finish. 36 hole.	Weinmann 2719. Alloy, satin finish, 36H. QR front and rear.
HUBS	XTR with Titanium alloy, QR's. Custom QR skewers.	New Shimano Deore LX. Custom stainless QR skewers.	New Shimano Deore LX. Custom stainless QR skewers.	Shimano Deore LX. Alloy, small flange, sealed, freehub, QR 32H F&R.	Shimano. Alloy, small flange, RM 50Q, HG50Q, 32H front and rear.	Suntour XC-Pro Micro Drive w/Grease Guard. QR 32H front & 36H rear.	Shimano Deore DX. Alloy, small flange, sealed. Freehub. 32H F, 36H R.	Deore LX, small flange, sealed. Freehub. QR 32H front and rear.	Shimano alloy, small flange, RM50Q, 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.	Shimano. RM50Q and HG200, alloy, 36H front and rear.
SPOKES	Stainless Wheelsmith with alloy nipples. 15-16-15G Front. 14-15-14G rear.	Stainless Wheelsmith 14-15-14G.	Stainless Wheelsmith 14-15-14G.	Wheelsmith, stainless, 14G.	14 ga stainless.	14-15-14ga stainless. Short 11mm nipple.	14ga stainless.	Wheelsmith, stainless, 14ga.	14ga stainless.	14ga stainless.	14ga UCP.	14ga UCP.
TIRES	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.	Tioga Psycho II, Skinwall, 26 x 1.95	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 Vigor, skinwall, 26 x 1.95. All Black.	Avenir Vigor, skinwall, 26x1.95. All Black.	DB Mountain tread, gumwall, 26 x 2.0, All Black.
DRIVETRAIN												
DERAILLEUR	Rear- XTR. Front- XTR top pull.	Rear- Deore XT. Front- Deore LX top pull.	Rear- Deore XT. Front- Deore LX top pull.	Rear - Shimano Deore XT SIS. Front - Shimano Deore LX, top pull.	Rear - Shimano Exage ES. Front - Shimano Altus AT11, top pull.	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 Deore LX SIS. Front - Shimano Deore LX, top pull, Dual SIS.	Rear - Shimano Exage ES SIS. Front - Shimano Exage LT, top pull.	Rear - Shimano Altus AT10S. Front - Shimano Altus AT11, top pull.	Rear - Shimano Altus AT-20GS. Front - Shimano Altus CT-10.	Rear - Shimano Altus CT10GS SIS. Front - Shimano Altus CT-10.
SHIFTERS	XTR Rapidfire Plus	New Shimano Deore LX Rapidfire Plus Dual SIS front shifting	New Shimano Deore LX Rapidfire Plus Dual SIS front shifting	Shimano Deore LX, Rapidfire Plus. Dual SIS.	Shimano Exage ES, 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.	Shimano STI Rapidfire Plus, CT15, Dual SIS.
CHAIN CRANKSET	Shimano Dura-Ace	Shimano HG 70.	Shimano HG 70.	DID Super Lannier.	DID Super Lannier.	Suntour AP01.	DID Super Lannier.	DID Super Lannier.	DID Super Lannier.	DID Super Lannier.	Shimano UG-50.	Shimano UG 50.
FREEWHEEL COMPONENTS	46 x 36 x 26 Shimano XTR. Shimano cartridge UN91.	46 x 36 x 26 new Shimano Deore LX Low profile Shimano cartridge.	46 x 36 x 26 new Shimano Deore LX low profile Shimano cartridge.	Shimano Deore LX w/round rings Superglide 26/36/46T. Shimano UN51 sealed cartridge bottom bracket.	Shimano Exage ES round rings. 46 x 36 x 26. Shimano cartridge LP-20.	Suntour XC Pro Micro Drive. PowerFling 20/32/42. 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 sealed cartridge bottom bracket.	Shimano ES, with alloy round rings. 26/36/46T. Shimano cartridge LP-30.	Shimano Altus AT10 round rings. 28/38/48. Shimano cartridge LP-20.	Shimano Altus AT20 with round rings. 28/38/48. Shimano cartridge LP-20.	Shimano Altus CT20, alloy crank, 28/38/48T. Round rings.
BRAKES	XTR	New Shimano Deore LX Low Profile.	New Shimano Deore LX Low Profile.	Shimano Deore LX multi-condition braking w/three-finger levers.	Shimano Altus AT10 alloy, multi-condition braking with three finger levers.	DiaCompe 987 low profile alloy cantilever. Dia Compe SS-7 cold 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.	Shimano Altus CT20. Multi-condition braking w/three-finger levers.
PEDALS	Shimano SPD clipless.	Shimano XT with clips and Avenir straps.	Shimano XT with clips and Avenir straps.	Tioga Surefoot-6, alloy, Titanium finish cage. Avenir toe clips and straps.	Victor 955A with CR-MO axle, Titanium finish cage. Avenir toe clips and straps.	SR Low Fat. Avenir toe clips and straps.	SR Low Fat. Avenir toe clips and straps.	Tioga Surefoot-6, alloy, Titanium finish cage, with Avenir toe clips and straps.	Victor 955A, Titanium finish cage, with CR-MO axle. Avenir toe clips and straps.	Victor 955A, Titanium finish cage, with CR-MO axle.	Victor Zylet resin. MTN style w/CR-MO axle.	Victor Zylet resin. MTN style w/CR-MO axle.
HEADSET	XTR 1-1/8"	Tioga Avenger alloy triple sealed.	Tioga Avenger alloy triple sealed.	Tioga OS-HX2. Sealed. Black finish.	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, Black finish.	DB Black finish.
SEAT POST	Avenir Ultimate, Titanium finish	Avenir Ultimate, Titanium finish	Avenir Ultimate, Titanium finish	Avenir, alloy, micro-adjust. Titanium finish. 350mm.	Avenir alloy, micro-adjust. Titanium finish. 350mm.	Kalloy, Alloy, micro-adjust. Anatomically sized.	Kalloy, 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, black anodized.	DB alloy, 300mm. Black.	DB alloy, 300mm. Black.
SADDLE	Avenir Titanium comp.	Avenir Titanium comp.	Avenir Titanium comp.	Avenir Flite style, CR-MO rails, Leather cover.	Avenir Gel Lite. Emerald cover, Flite style.	Selle Italia Turbo Astrale Forato. Emerald cover.	Selle Italia Turbo Astrale Forato. Emerald cover.	Avenir Flite Style, Gel Lite, Emerald cover, CR-MO rails.	Avenir Gel Comp. Emerald cover, Flite style.	Avenir Gel Comp. Emerald cover.	Avenir Gel Comp. Emerald cover, Super Soft.	Avenir. 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.	Zoom 130. 6° bend. 130gm.	Zoom 130 flat, Aluminum 6° bend. Titanium finish.	Avenir Alloy, flat with 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.	DB flat w/6° bend, Black.	DB flat, 6° bend, Black.
STEM	Zoom Competition, Titanium finish.	Zoom Competitio, Titanium finish.	Zoom Competition, Titanium finish.	Zoom Competition, Titanium finish. CR-MO. Anatomically sized.	Zoom Original Anatomically sized, Titanium finish.	Lightweight CR-MO. TIG welded. Titanium finish. Anatomically sized.	Lightweight CR-MO. TIG welded. Titanium finish. Anatomically sized.	Zoom Original, Titanium finish, anatomically sized, CR-MO.	Zoom Sport, Anatomically sized, Titanium finish.	Zoom Sport CR-MO TIG welded. Anatomically sized. Black finish.	DB TIG welded steel. Anatomically sized.	DB TIG welded steel. Anatomically sized.
SIZES	16", 18", 20"	16", 18", 20"	16", 18", 20"	14", 16", 18", 20"; PERFORMANCE SIZING.	14", 16", 18", 20"; PERFORMANCE SIZING.	15", 17", 19", 21"; PERFORMANCE SIZING.	15", 17", 19", 21"; PERFORMANCE SIZING.	14", 16", 18", 20"; PERFORMANCE SIZING.	14", 16", 18", 20", 22"; PERFORMANCE SIZING.	14", 16", 18", 20", 22"; PERFORMANCE SIZING.	Mens: 14", 16", 18", 20"; Ladies: 16", 20".	Mens: 14", 16", 18", 20", 22"; Ladies: 16", 20".
COLORS	Natural Titanium	Natural Titanium	Blue Aveo anodized aluminum.	Metallic Silver w/Pearl Green Clear.	Aqua Wave	Metallic Silver Forest.	Gloss Black.	Metallic Emerald Green.	Purple Starburst	Blue Wave, Metallic Silver with Pearl Green Clear.	Mens and Ladies: Purple Illusion, White with Blue Pearl Clear.	Mens and Ladies: Blue, Gloss Black.

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

Diamond Back bicycles carry a lifetime warranty. Check with your dealer for details.

N	
Traverse	Outlook
High-Tensile OS mountain frame. Pulse MIG welded forged drop-outs with water bottle mounts.	High-Tensile mountain frame with water bottle mounts. Pulse MIG welded.
Tange High-Tensile. Oversized blades, TIG welded. Unicrown with eyelets and safety tips.	Tange High-Tensile. TIG welded. MTN Unicrown w/ safety tips.
Weinmann Z719. Alloy, satin finish, 36H.	Steel, c.p. finish, 36H.
Steel, small flange. Quick release front.	Small flange, nutted front and rear.
14ga. UCP.	14ga. UCP.
DB mountain tread, all black gumwall 26 x 1.90.	DB mountain tread, all black gumwall 26 x 1.90.
Rear - Shimano Tourney TY20GS. Front - Shimano Tourney TY21.	Rear - Shimano Tourney TY20GS. Front - Shimano Tourney TY25.
Shimano Tourney MY21. Dual SIS.	Shimano Tourney MY20.
Shimano UG-50.	Shimano UG 50.
Shimano TY21, alloy, 28/38/48T Black, round chainrings.	Steel cotterless 28/38/48T. Black finish, round chainrings w/ chain guard.
Shimano HG20 6-spd Hyperglide 14, 16, 18, 21, 24, 28.	Shimano Hyperglide, 6 speed, 14, 16, 18, 21, 24, 28.
Lee Chi alloy cantilever F & R. MTN 3-finger resin levers. Black.	Lee Chi alloy cantilever F & R. MTN 3-finger resin levers. Black.
Victor Zytel resin MTB style w/CR-MO axle.	Victor Zytel resin. MTN style w/boron axle.
DB MTN, black finish.	DB MTN, Black.
DB alloy, Black.	Steel, C.P. finish.
Padded anatomic. Emerald cover, Super Soft	Padded anatomic, Super Soft, Emerald cover.
DB MTN steel, flat. 6° bend.	DB MTN steel, flat with 6° bend, Black.
DB TIG welded steel, anatomically sized. Black.	DB TIG welded steel, Black.
Mens: 14.5", 17", 19", 21.5"; Ladies: 17", 19", Girls, Boys: 24"x13.5".	Mens: 15", 17.5", 19.5", 21.5"; Ladies: 17.5"; Boys and Girls 24"x13.5"
Mens and Ladies: Purple Granite, White w/ Blue Pearl. Boys and Girls: Purple Granite.	Mens and Ladies: Gloss Black, Red, Boys: Neon Yellow. Girls: Pink.

	M O U N T A I N												
	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"	22"	16"	16.7"	1.8"	41.3"	11.9"	72°	73°	29.2"	105mm	175mm	560mm
	18"	22.8"	18"	16.7"	1.8"	42.1"	11.9"	72°	73°	30.6"	105mm	175mm	560mm
	20"	23.5"	20"	16.7"	1.8"	42.6"	11.9"	72°	73°	32"	120mm	175mm	580mm
	14"	20.8"	14"	16.7"	1.55"	40.2"	11.9"	71.5°	72.5°	28.3"	105mm	170mm	560mm
Response Elite	16"	22"	16"	16.7"	1.55"	41.3"	11.9"	71.5°	72.5°	29.5"	105mm	175mm	560mm
	18"	22.8"	18"	16.7"	1.55"	42.1"	11.9"	71.5°	72.5°	31"	120mm	175mm	560mm
	20"	23.5"	20"	16.7"	1.55"	42.6"	11.9"	71.5°	72.5°	32.4"	120mm	175mm	580mm
	14"	20.5"	14"	16.7"	1.37"	40.2"	11.9"	70.5°	72.5°	28.3"	105mm	170mm	560mm
Response Sport	16"	22"	16"	16.7"	1.37"	41.7"	11.9"	70.5°	72.5°	29.5"	105mm	175mm	560mm
	18"	22.8"	18"	16.7"	1.37"	42.4"	11.9"	70.5°	72.5°	31"	120mm	175mm	560mm
	20"	23.5"	20"	16.7"	1.37"	43"	11.9"	70.5°	72.5°	32.4"	120mm	175mm	580mm
	15"	21.5"	15"	16.9"	1.8"	41.1"	11.9"	71°	73°	29.4"	90mm	165mm	580mm
Overdrive Comp	17"	22"	17"	16.9"	1.8"	41.2"	11.9"	72°	73°	30.5"	135mm	170mm	580mm
	19"	22.8"	19"	16.9"	1.8"	42"	11.9"	72°	73°	31.9"	135mm	175mm	580mm
	21"	23.5"	21"	16.9"	1.8"	42.5"	11.9"	72°	73°	33.3"	150mm	175mm	580mm
	15"	21.5"	15"	16.9"	1.8"	41.1"	11.9"	71°	73°	29.2"	90mm	165mm	580mm
Overdrive	17"	22"	17"	16.9"	1.8"	41.2"	11.9"	72°	73°	30.4"	135mm	170mm	580mm
	19"	22.8"	19"	16.9"	1.8"	42"	11.9"	72°	73°	31.9"	135mm	175mm	580mm
	21"	23.5"	21"	16.9"	1.8"	42.6"	11.9"	72°	73°	33.3"	150mm	175mm	580mm
	14"	20.5"	14"	16.7"	1.8"	40.2"	11.9"	71°	73°	27.7"	105mm	170mm	560mm
Apex	16"	22"	16"	16.7"	1.8"	41.7"	11.9"	71°	73°	29.1"	105mm	175mm	560mm
	18"	22.8"	18"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	120mm	175mm	560mm
	20"	23.5"	20"	16.7"	1.8"	43"	11.9"	71°	73°	32"	120mm	175mm	580mm
	14"	20.5"	14"	16.7"	1.8"	40.2"	11.9"	71°	73°	27.7"	80mm	170mm	560mm
Ascent EX	16"	22"	16"	16.7"	1.8"	41.7"	11.9"	71°	73°	29.1"	105mm	175mm	560mm
	18"	22.8"	18"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	120mm	175mm	560mm
	20"	23.5"	20"	16.7"	1.8"	43"	11.9"	71°	73°	32"	120mm	175mm	580mm
	22"	24.4"	22"	16.7"	1.8"	43.7"	11.9"	71°	73°	33.4"	120mm	175mm	580mm
Ascent	14"	20.5"	14"	16.7"	1.8"	40.2"	11.9"	71°	73°	27.7"	80mm	170mm	560mm
	16"	22"	16"	16.7"	1.8"	41.7"	11.9"	71°	73°	29.1"	105mm	175mm	560mm
	18"	22.8"	18"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	120mm	175mm	560mm
	20"	23.5"	20"	16.7"	1.8"	43"	11.9"	71°	73°	32"	120mm	175mm	560mm
Topanga	22"	24.4"	22"	16.7"	1.8"	43.7"	11.9"	71°	73°	33.4"	120mm	175mm	580mm
	14"	20.5"	14"	16.7"	1.8"	40.2"	11.9"	71°	73°	27.7"	80mm	170mm	560mm
	16"	22"	16"	16.7"	1.8"	41.7"	11.9"	71°	73°	29.1"	80mm	170mm	560mm
	18"	22.8"	18"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	105mm	170mm	560mm
Sorrento	20"	23.5"	20"	16.7"	1.8"	43"	11.9"	71°	73°	32"	105mm	170mm	580mm
	22"	24.4"	22"	16.7"	1.8"	43.7"	11.9"	71°	73°	33.4"	105mm	170mm	580mm
	L-16"	22.3"	16"	16.7"	1.8"	41.7"	11.9"	71°	73°	26.6"	80mm	170mm	560mm
	L-20"	23.7"	20"	16.7"	1.8"	43"	11.9"	71°	73°	27.1"	105mm	170mm	580mm
Traverse	14"	20.5"	14"	16.7"	1.8"	40.2"	11.9"	71°	73°	27.7"	80mm	170mm	560mm
	16"	22"	16"	16.7"	1.8"	41.7"	11.9"	71°	73°	29.1"	80mm	170mm	560mm
	18"	22.8"	18"	16.7"	1.8"	42.4"	11.9"	71°	73°	30.5"	105mm	170mm	560mm
	20"	23.5"	20"	16.7"	1.8"	43"	11.9"	71°	73°	32"	105mm	170mm	580mm
Outlook	22"	24.4"	22"	16.7"	1.8"	43.7"	11.9"	71°	73°	33.4"	105mm	170mm	580mm
	L-16"	22.3"	16"	16.7"	1.8"	41.7"	11.9"	71°	73°	26.6"	80mm	170mm	560mm
	L-19"	23.7"	19"	16.7"	1.8"	43"	11.9"	71°	73°	27.1"	105mm	170mm	580mm
	15"	20.3"	15"	17.3"	2"	40.8"	11.8"	71°	73°	28.4"	80mm	170mm	560mm
Outlook	17.5"	20.4"	17.4"	17.3"	2"	40.5"	11.8"	71°	73°	28.9"	80mm	170mm	560mm
	19.5"	21.9"	19.4"	17.3"	2"	42"	11.8"	71°	73°	30.5"	100mm	170mm	560mm
	21.5"	23.2"	21.4"	17.3"	2"	43.4"	11.8"	71°	73°	32.4"	100mm	170mm	580mm
	L-17.5"	20.1"	17.5"	17.3"	2"	40.5"	11.8"	71°	73°	26.2"	80mm	170mm	560mm



- 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 and cross models, and center-to-center on all road 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.