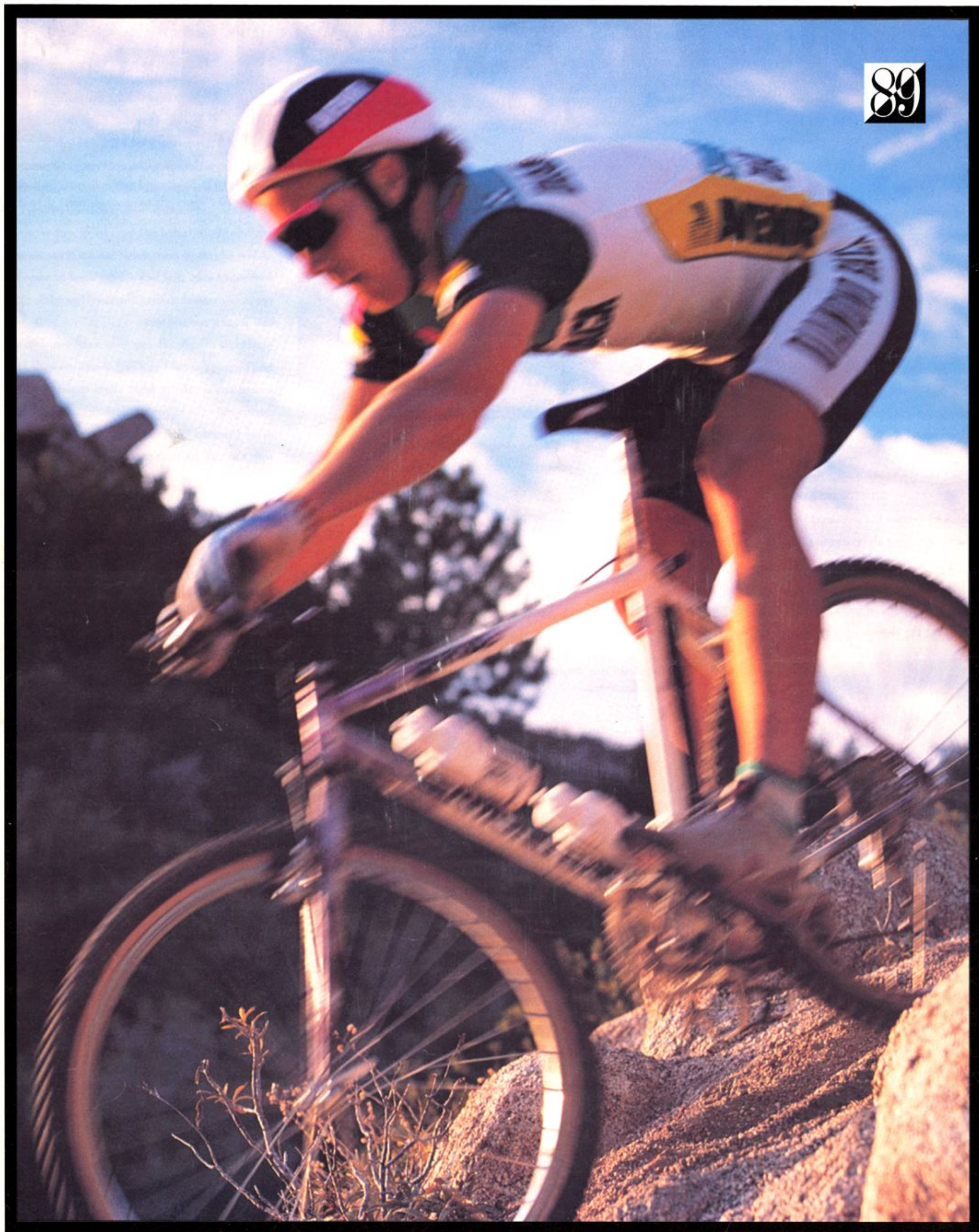


T W O D O L L A R S

89



D I A M O N D B A C K

THE DIAMOND BACK APPROACH



At Diamond Back we realize that all kinds of riders have taken to all terrain cycling. That's why you'll find the 1989 selection of DB bicycles to be the largest and most refined lineup ever.

In NORBA-sanctioned racing, Diamond Back Factory riders test, race and win on our Competition Series models. The frame angles, fork design, clearance tolerances and component selection of these Diamond Backs are sure to please the experienced offroad cyclist.

Diamond Back's Adventure Series has the exceptional performance to explore and extend the boundaries of your imagination.

Our All Terrain DB models are supremely versatile and functional performers, fully equipped to go from street to dirt with ease. And new City Sport Diamond Backs are available in the widest array of sizes and styles to suit every enthusiast.

Straight talk about fork blades and frame geometry.

High performance is a passion at Diamond Back. Our designers never stop testing and evaluating new ideas to perfect the ultimate ATB's.

DB frame geometries have evolved to keep pace with the increasing skill level of today's all-terrain cyclists. For example, shortening the chain stays which helps our racers gain traction

on steep ascents and improves climbing. Our designers also lengthened the top tubes and anatomically sized the stems and bars to open up the rider position. This reduces back strain and improves breathing.

Straight-bladed UniTrac™ forks are also used on Competition and Adventure Series Diamond Backs. Constructed with oversized, tapered Chromoly, UniTrac forks reduce oscillation and improve tracking for superior high speed control.

Clearance tolerances are also carefully evaluated to reduce mud and debris build-up around critical moving parts, like the crankset, tires and brakes. This makes our bikes less likely to bog down, and easier to service.

Shedding our skin.

This year, as always, Diamond Back Bicycles benefit from the latest in all terrain frame tubing technology.

Tange's revolutionary Concept Prestige Chromoly tubing makes its debut in our top-of-the-line Axis Team. Specially developed for optimum strength to weight characteristics, Concept tubes are individually butted and ovalized for each section of the frame!

New Chromoly bars and stems are anatomically sized to fit each size frame. And look for the latest in name brand components, like smooth shifting Shimano Hyperglide SIS, Deore XTII and Tioga stems and tires.

Always, though, our aim is to make your Diamond Back the best bicycle you can buy. Components are sealed for added protection and durability. Light alloys eliminate corrosion and reduce weight for higher performance. And for lasting beauty, every Diamond Back is primed, painted and clear coat sealed with a special six-layer process.

AXIS TEAM

THE FACTORY OFFROAD RACER. The Axis Team is the equipment our Factory riders take into NORBA National competition. There is no margin for error in this arena, no reason to settle for anything less than the best.

The Team's frameset is pure Tange Concept, quad-butted, tapered Chromoly tubing tuned to the demands of all terrain racing. The full-race DB team also features Hip Stays™ for superior chainring and tire clearance. And Tange UniTrac™ Fork.

The Axis Team is a racing machine designed for experienced riders with exceptional skills and quick reflexes. Are you ready to race?

AXIS TEAM GEOMETRY

A	B	C	D	E	F	G	H
Seat Tube Length (Size)	Top Tube Length	Chain Stay Length	Wheel Base	Bottom Bracket Height	Fork Offset	Head Tube Angle (Degree)	Seat Tube Angle (Degree)
15"	539mm	425mm	1024mm	300mm	50mm	70°	73°
17"	548mm	425mm	1025mm	300mm	45mm	71°	73°
19"	563mm	425mm	1042mm	300mm	45mm	71°	73°
20.5"	570mm	425mm	1050mm	300mm	45mm	71°	73°
22.5"	590mm	425mm	1072mm	300mm	45mm	71°	73°



Deore XT II alloy seatpost, 300mm. Black hard anodized.

Anatomically sized, Tioga Prestige T-Bone stem, black chrome finish.

Tange Prestige tapered bar, black chrome. Flat with 6 degree bend.

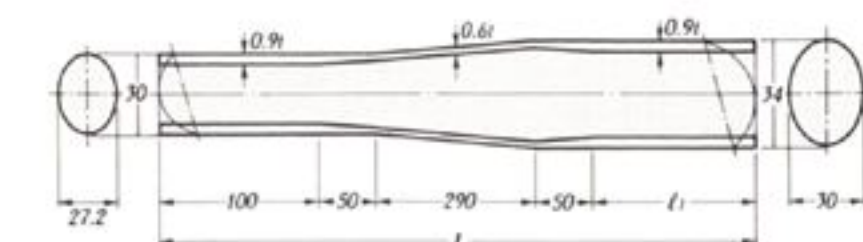
Deore XT II SLR Linear Response cantilever front and rear with new, two-finger brake levers.

Tange Concept Prestige Chromoly, competition tubing, TIG welded.

Tange Concept Prestige UniTrac fork with taper gauge blades. Butted, 1.4mm wall thickness at fork crown to 1.0mm at center to 1.2 at lower blade.

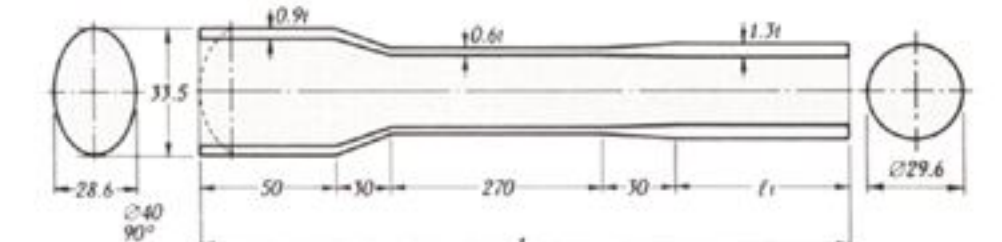
Deore XT II with new Biopace HP, 46/36/26T. Anatomically sized. Sealed bottom bracket.

Prestige Concept MTB Tubing.



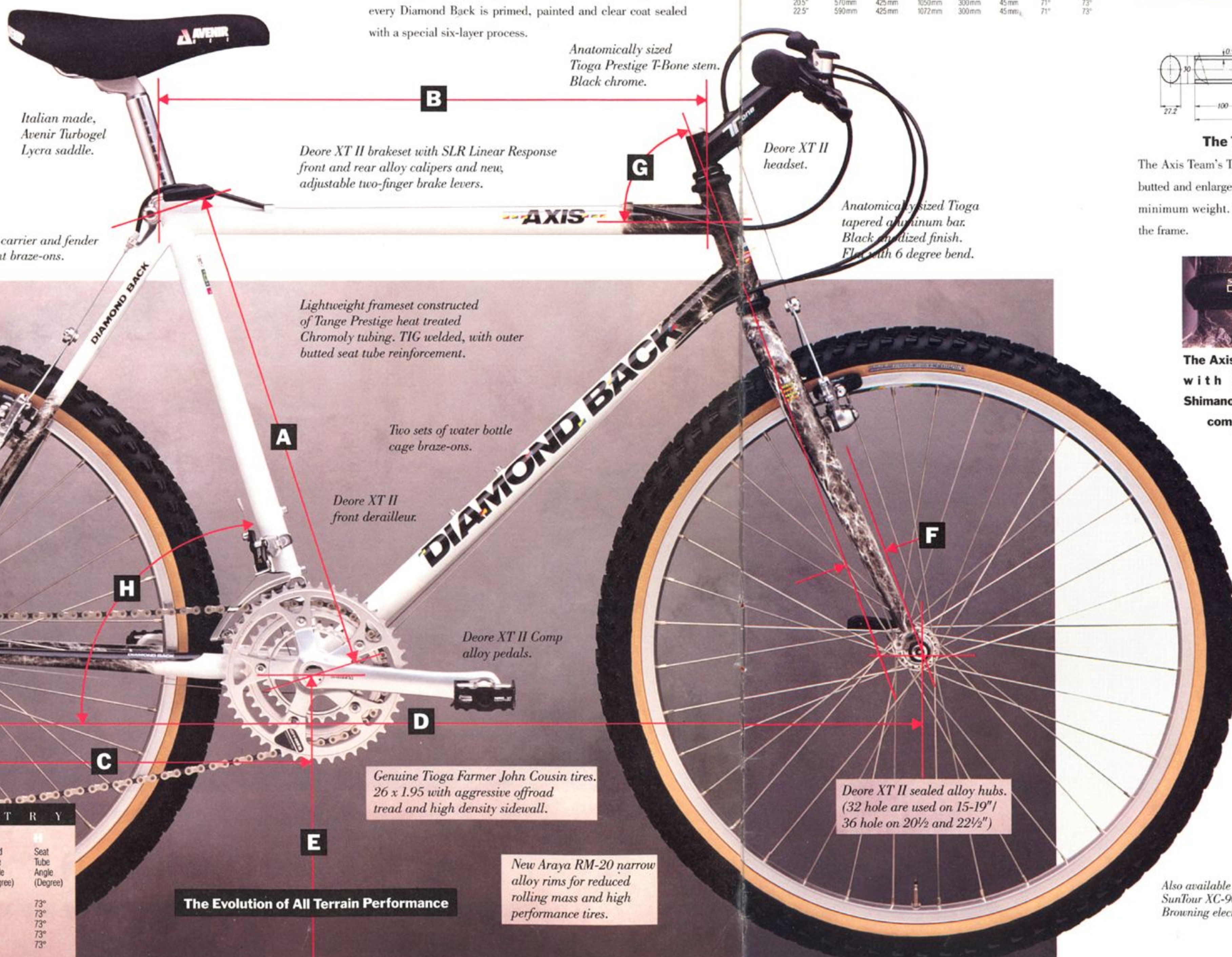
The Top Tube and Down Tube

The Axis Team's Tange Concept Prestige top tube is ovalized, butted and enlarged at the head tube for optimum strength and minimum weight. The enlarged ovals significantly reinforce the frame.



The Seat Tube

The unique Concept seat tube design is "bulge butted" round at the top and ovalized where it meets the bottom bracket. Bulge butting increases wall thickness inside and out for added strength.



Italian made, Avenir Turbogel Lycra saddle.

Anatomically sized Tioga Prestige T-Bone stem. Black chrome.

Deore XT II brakeset with SLR Linear Response front and rear alloy calipers and new, adjustable two-finger brake levers.

Deore XT II headset.

Anatomically sized Tioga tapered aluminum bar. Black anodized finish. Flat with 6 degree bend.

Rear carrier and fender mount braze-ons.

Lightweight frameset constructed of Tange Prestige heat treated Chromoly tubing. TIG welded, with outer butted seat tube reinforcement.

Two sets of water bottle cage braze-ons.

Deore XT II front derailleur.

Deore XT II Comp alloy pedals.

Genuine Tioga Farmer John Cousin tires. 26 x 1.95 with aggressive offroad tread and high density sidewall.

Deore XT II sealed alloy hubs. (32 hole are used on 15-19" / 36 hole on 20 1/2" and 22 1/2")

New Araya RM-20 narrow alloy rims for reduced rolling mass and high performance tires.



Lightweight frameset constructed of Tange Prestige heat treated Chromoly tubing. TIG welded, with outer butted seat tube reinforcement.

Deore XT II, Hyperglide, cassette, 7-speed, 13-30T.

AXIS XT GEOMETRY

A	B	C	D	E	F	G	H
Seat Tube Length (Size)	Top Tube Length	Chain Stay Length	Wheel Base	Bottom Bracket Height	Fork Offset	Head Tube Angle (Degree)	Seat Tube Angle (Degree)
15"	539mm	430mm	1028mm	300mm	50mm	70°	73°
17"	548mm	430mm	1028mm	300mm	45mm	71°	73°
19"	563mm	430mm	1046mm	300mm	45mm	71°	73°
20.5"	570mm	430mm	1054mm	300mm	45mm	71°	73°
22.5"	590mm	430mm	1076mm	300mm	45mm	71°	73°

The Evolution of All Terrain Performance

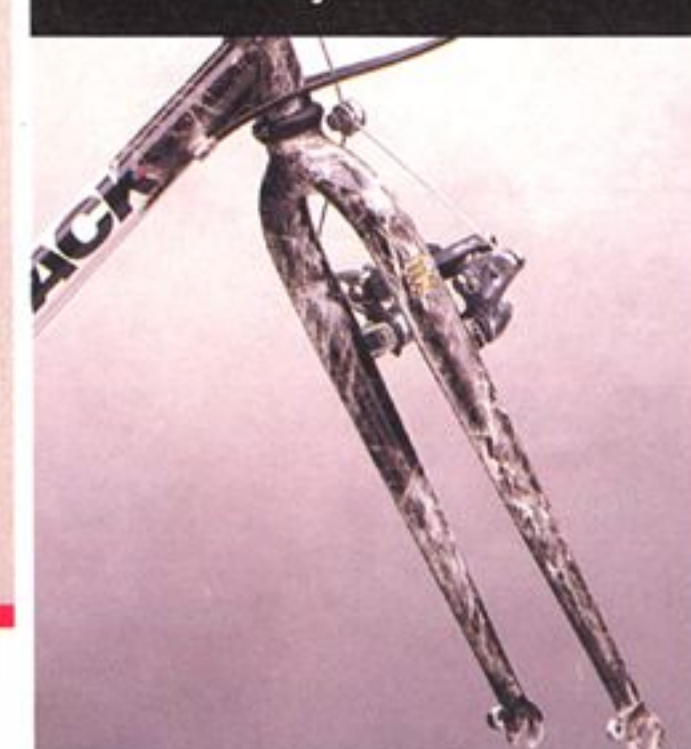
Also available with SunTour XC-9000 Group with Browning electric front shifter.

AXIS XT

THIS DIAMOND BACK IS TRULY READY-TO-RACE. The Axis frameset is competition proven, a winner used by our Factory riders. Hand-built, using only Tange Prestige tubing, Axis frame angles and response are intended specifically for high speed offroad racing.

A virtual showcase of the latest in ATB components and design. Straight, ovalized fork tubes. Prestige Chromoly tubing. Full Shimano Deore XT II treatment with Hyperglide and SLR brakes. Uses the Tioga Farmer John Cousin tires and T-Bone stem preferred by top caliber racers.

The Axis XT uses the new Tange UniTrac™ straight fork, for the superior high speed control and response preferred by champion cyclists.



ARRIVAL

ARRIVAL

THE ALUMINUM COMPETITION ATB HAS ARRIVED. The Arrival's aggressive frame geometry translates into total control on fire-roads or single tracks.

Built with a Series 7000 aluminum alloy frame, the Arrival dampens road shock and minimizes flexing from shifting weight. This machine is quick and nimble, giving you the pick of any line you like.

Equipped with Shimano Deore II component group, Tioga T-bone stem, Farmer John Cousin tires, Avenir Turbo Gel saddle and Tange UniTrac fork. The Arrival is always ready for more!

Colors: Dualtone Smoke Lilac/White, Yellow



Italian made Avenir Turbogel Lycra saddle.

Frameset handbuilt from Series 7000 aluminum alloy tubing. TIG welded construction for strength and reliability. 71 degree head angle, 73 degree seat tube angle and 16.9" chainstays.

Shimano Deore II, SLR Linear Response brakeset with front and rear alloy cantilevers and two-finger brake levers.



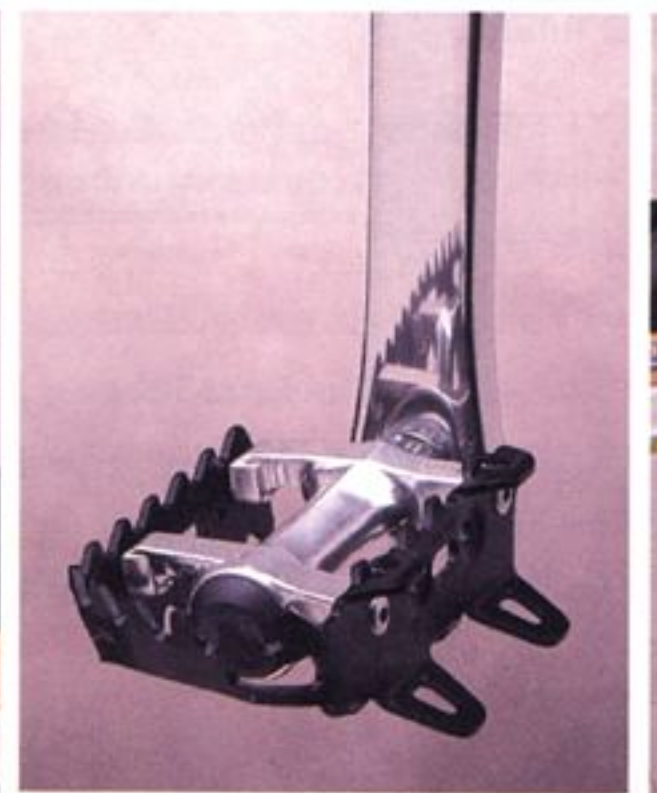
New DB tapered aluminum bar. Black anodized, flat with 10 degree bend. Anatomically sized.

Anatomically sized Tioga T-Bone stem, Black chrome.

Shimano Deore II sealed headset.



Wrap your fingers around Shimano's ergonomically designed SLR levers for controlled braking power. Adjustable reach, two-finger design.



Tioga SureFoot pedals are toe clip compatible and feature sealed, Chromoly spindles.



Shimano Deore II sealed alloy, quick release hubs.

21 speed drivetrain with Shimano Deore II 7 speed rear derailleur and Hyperglide SIS.

Hyperglide chain.

Shimano Deore II front derailleur.

SERIES 7000

SEAMLESS ALUMINUM

T6 GRADE HEAT TREATED

Anatomically sized Deore II crankset with new Biopace HP, 46/36/26T chainrings. Sealed bottom bracket.

Two sets of water bottle cage mounts

Tioga SureFoot pedals with toe clip flap.

New Araya RM-20 alloy, narrow cross-section rims.

Tange 100% Chromoly UniTrac straight blade fork with rack braze-ons. Oversize, oval taper gauge blades.

Tioga Farmer John Cousin, 26 x 1.95 tires.

ARRIVAL GEOMETRY

A	B	C	D	E	F	G	H
Seat Tube Length (Size)	Top Tube Length	Chain Stay Length	Wheel Base	Bottom Bracket Height	Fork Offset	Head Tube Angle (Degree)	Seat Tube Angle (Degree)
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17"	548mm	430mm	1028mm	300mm	45mm	71°	73°
19"	563mm	430mm	1046mm	300mm	45mm	71°	73°
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22.5"	590mm	430mm	1076mm	300mm	45mm	71°	73°

A "high performance mountain machine that complements the skill of even the best rider." BICYCLING MAGAZINE, NOVEMBER 1988

APEX

APEX

DIAMOND BACK'S NO-NONSENSE RACER. The Apex's 100% Tange Chromoly double-butted racing frameset is the heart of the bicycle; that's why we take the extra time to cut, mitre, align and TIG weld every tube by hand. And we use the same, proven geometry the DB team wins with.

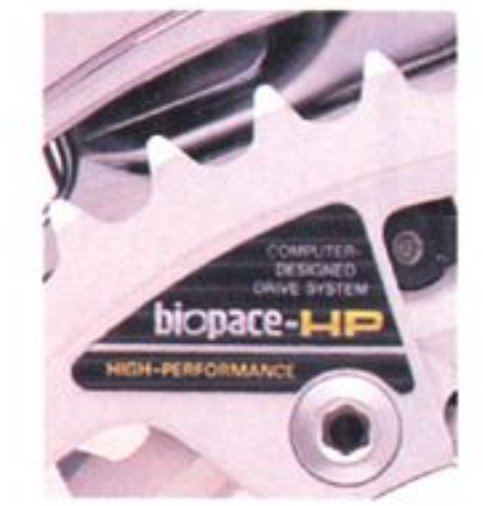
We don't skimp on componentry either; we've chosen the New 21-speed Shimano Deore II group with revolutionary Hyperglide freewheel and SIS "clickshifting" derailleurs, Biopace-HP chainrings and powerful SLR cantilever brakes. All of these components feature sealed systems for durability and long life.

Colors: Iridescent Lilac Smoked, Jet Black



Avenir Turbogel Lycra saddle.

Shimano Deore II SLR Linear Response brakeset with front and rear alloy cantilevers and two-finger levers.



New Biopace HP chainrings are easy on the knees for climbing and now spin better than ever on fast descents.

New DB tapered aluminum, black anodized. Flat with 10 degree bend. Anatomically sized.

Tioga T-Bone Chromoly stem. Anatomically sized.



Genuine Tioga Farmer John Cousins are the choice of champion offroaders, and standard equipment on the Apex.

Farmer John Cousins, 26 x 1.95 all-terrain tires

Frameset TIG-welded from 100% Tange MTB double-butted, Chromoly mountain tubing with vertical dropouts.

100% Chromoly UniTrac straight blade fork with rack braze-ons. Oversize, oval blades.

Two sets of water bottle cage mounts.

Shimano Deore II, Hyperglide, cassette, 7-speed, 13-30.

Shimano Deore II front derailleur.

XT Comp, alloy pedals. Sealed Chromoly spindle.

Shimano Deore II rear derailleur with Hyperglide SIS.

New, black anodized Araya RX-7, narrow alloy rims.

A P E X G E O M E T R Y							
A	B	C	D	E	F	G	H
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17"	548mm	430mm	1036mm	300mm	45mm	70°	73°
19"	563mm	430mm	1056mm	300mm	45mm	70°	73°
20.5"	570mm	430mm	1068mm	300mm	45mm	70°	73°
22.5"	590mm	430mm	1089mm	300mm	45mm	70°	73°

ASCENT EX

ASCENT EX

BREAK AWAY FROM THE ORDINARY. The Ascent EX uses only the finest components, like Shimano's 21 speed Hyperglide-SIS shifting with high speed on-road gearing, Biopace chainwheels, cassette quick release free hubs, powerful SLR cantilever brakeset, Tioga's T-Bone stem, Farmer John Cousin tires, 100% Chromoly double-butted frame and fork set and Avenir Italian Gel anatomic saddle. This rig is loaded and ready to roll. Great stuff at a great price.

Colors: Dualtone Blue Smoke/White, Solid Race Red



New DB tapered aluminum bar. Black anodized, flat with 10 degree bend. Anatomically sized.

Long cage Shimano Mountain LX rear derailleur and Hyperglide sprockets provide the smoothest, fastest SIS shifting ever.

Frameset construction: 100% Tange MTB double-butted Chromoly mountain tubing.

Anatomically sized Tioga T-Bone Chromoly stem.



Farmer John Cousin, 26 x 1.95 tires.

New Shimano Mountain LX caliper brakes reduce mud pack and build up for positive, reliable, all-weather stopping power.

Shimano Mountain LX Freehub, Hyperglide, cassette, 7-speed, 13-30T freewheel.

Shimano Mountain LX rear derailleur with Hyperglide SIS.

Shimano Mountain LX front derailleur.

Shimano Mountain LX SLR Linear Response brakeset with front and rear alloy cantilevers and adjustable brake levers

100% Chromoly UniTrac fork with rack braze-ons.

New Araya RX-7 lightweight alloy rims.

New Shimano Mountain LX sealed alloy hubs with quick release.

XT Comp, alloy pedals. Sealed Chromoly spindle.

Anatomically sized Shimano Mountain LX alloy crankset with Biopace 48/38/28T chainrings. Sealed bottom bracket.



ASCENT EX GEOMETRY

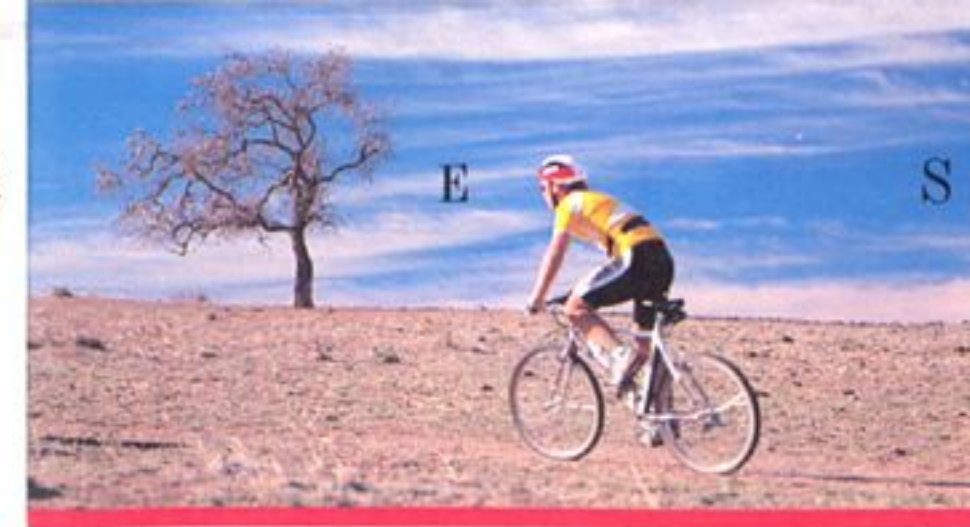
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22.5"	590 mm	430 mm	1089 mm	300 mm	45 mm	70°	73°

ASCENT

ASCENT

EXPERIENCE THE ADVENTURE. Diamond Back's 18-speed Ascent is a true overachiever, proving that it doesn't cost a small fortune to create an authentic, high-performance ATB. The frameset, fork and bar are totally Chromoly, the fork is UniTrac and the components are all first rate. Perfect for entry level racing or fast fire-road fun.

Colors: Iridescent Lilac Smoke, Reflex Blue



Italian Avenir Racinggel Lycra saddle.

Delta DP alloy seatpost, 300mm.

New DB anatomically sized, tapered Chromoly bar. Flat with 10 degree bend.

Sealed headset. Black chrome finish.



Lightweight, high performance Farmer John Nephew tires are at home on or off pavement.

New Shimano Mountain LX SLR brakeset. Black anodized alloy cantilevers front and rear with alloy/composite Exage brake levers.

TIG welded 100% Chromoly mountain tube frameset.

New Shimano Exage Mountain front and SIS rear derailleur.

100% Chromoly UniTrac straight blade fork.

New Tioga Farmer John Nephew tires, 26 x 1.95.

New Araya RX-7 narrow alloy rims.



Adjust saddle height for ascent/descent position in seconds.

Sealed bottom bracket.

XT style, Zytel pedals (toeclip adaptable).

ACS small flange, sealed alloy front and rear hubs with quick release.

New Shimano Exage Mountain alloy triple crankset with Biopace 48/38/28T chainrings. Anatomically sized.

ASCENT GEOMETRY							
A	B	C	D	E	F	G	H
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20.5"	570mm	430mm	1068mm	300mm	45mm	70°	73°
22.5"	590mm	430mm	1089mm	300mm	45mm	70°	73°



TOPANGA

The Topanga's hand built frame is made with Chromoly main tubes, and is TIG welded. SunTour Accu-shifting will allow you to "click" into any gear without missing a shift. Light alloy rims with small flange sealed system hubs offer light weight, durability and front quick release for easy storage and transportation.

Colors: Aqua Blue, Bold Black, Iridescent White with Lilac Clear Coat



The Diamond Back tapered Chromoly bar has a 10 degree bend and is anatomically sized.

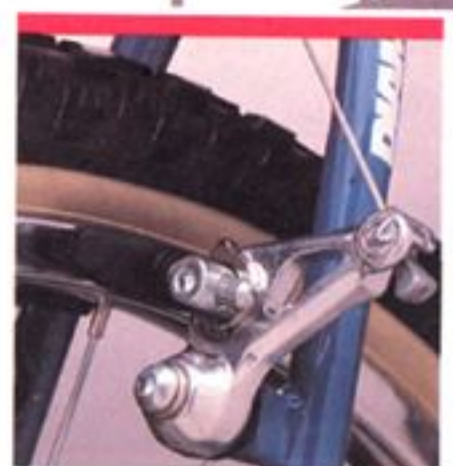
TOPANGA GEOMETRY

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20.5"	570 mm	430 mm	1068 mm	300 mm	45 mm	70°	73°
22.5"	590 mm	430 mm	1089 mm	300 mm	45 mm	70°	73°



LADIES TOPANGA

Diamond Back's Topanga for the ladies is scaled and anatomically sized for extra comfort and control. A quick release seat post and 10 degree bend bar make adjustments easy and reliable; sealed SunTour components deliver high performance with low maintenance.



Powerful alloy cantilever brakes for sure stops.

SORRENTO

Our Sorrento's combination of light alloy rims, SIS shifting and eighteen speed gearing has a lot to do with its easy handling on and off the road. The go-anywhere, do-anything Sorrento might be the most sensible Diamond Back...if it just wasn't so much fun.

Colors: Race Red, Soft Grey, Yellow



The quick release seat binder lets you adjust saddle height in an instant.

SORRENTO 24

Little brother of the 26" Sorrento, this 18-speed mountain bike is made especially for the smaller set. Even with its small, 24" wheel size, it can still handle difficult terrain like the bigger bikes.

LADIES SORRENTO

Prefer an ATB variation of the classic step through theme? The Ladies Sorrento is the solution, a perfect blend of street riding style and all terrain equipment.



Avenir's anatomically sculptured saddle softens the bumps.





Comfortable padded anatomic, spring saddle.

DB hi-rise handlebar.

Baby seat adaptable.

DB TIG welded, high carbon steel stem.

26 x 1.50 raised center ridge skinwall tires.

Rugged, high carbon steel frameset.

Alloy mountain cantilever front brake with alloy mountain levers.

Water bottle braze-on.

Alloy, small flange front hub with quick release.

Forged alloy crankset with 48/38/28T triple chainwheel.



Ride safely and comfortably with Diamond Back hi-rise bars.

Padded anatomic, spring saddle.



26 x 1.50 raised center ridge skinwall tires.

Rugged, high carbon steel frameset.

Alloy mountain cantilever front brake with alloy mountain levers.

Water bottle braze-on.

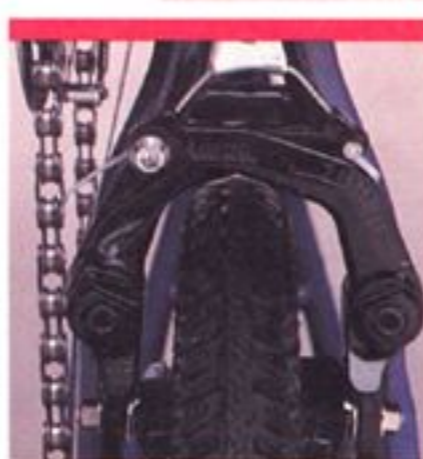
Forged crankset with 48/38/28T triple chainwheel.

FLEETSTREAK

More at home on the road than out on the range? Diamond Back's Fleetstreak is the answer for the city cruiser who only occasionally ventures down the trail.

And the cruisin' is fast indeed, with the Fleetstreak's extra rigid, narrow alloy rims and "clickshift" 18-gear transmission.

Colors: Iridescent White with Red Clear Coat, Reflex Blue.



Tucked in neat and out of the way, the Fleetstreak's rear U-brake.

LADIES FLEETSTREAK

For the woman who can't decide between a skinny tire 12-speed, a cruiser or a mountain bike, get all three...the Ladies Fleetstreak.

An all-purpose bike (APB) that's child seat adaptable, the Ladies Fleetstreak has Shimano click shifting, a sure-stopping cantilever/U-brake combination and padded spring saddle for an extremely comfortable ride.



The padded, anatomic spring saddle.

CURACA

The Diamond Back Curaca proves that a high performance bicycle can have two lives. Like a road racer, it has twelve speeds, but it has the aggressive tires and low profile cantilever brakes of an ATB.

The rugged frameset, fork and stem are pure offroad. So what have you got? Curaca, two personalities for the price of one.

Colors: Race Red, Aqua Blue



Avenir padded anatomic saddles are standard equipment.

LADIES CURACA

DB's Ladies Curaca with step through frame is available in 17" size.

CURACA 24/20

They're never too young to join in on the fun, and the Curaca 24 is the ideal ATB for the smaller set. Big time offroad styling and features, like aggressive mountain brake set-up, mountain bars and multi-speed gearing.

Smaller yet? Then the Curaca 20 should just fit the bill.



Hooded brake levers are a nice touch and keep out dust and mud.



Avenir padded anatomic, spring suspension.

High carbon mountain tubing frameset.

Cheng Shin mountain tread tires. High density gum wall, 26 x 2.0.

Water bottle cage braze-on.

Shimano front derailleur.

New Lee Chi alloy low profile cantilever front and rear with mountain levers.

SR alloy crankset, 170mm, 52/40T chainrings.



LADIES CURACA



Avenir padded anatomic, spring suspension.

High carbon mountain tubing frameset.

Double reinforced, chrome steel rims.

UniCrown fork with fender eyelets.

Shown: Curaca 20"

S P E C I F I C A T I O N S

	AXIS TEAM	AXIS XT	ARRIVAL	APEX	ASCENT EX	ASCENT	TOPANGA	SORRENTO	FLEETSTREAK	CURACA	CURACA 24/20	
Frame	Tange Concept Prestige, quad-butted, Chromoly, competition tubing, TIG welded. Shimano vertical dropouts with eyelets. Braze-ons: two water bottle mounts, rear carrier and fender mounts. Hip stays.**	Tange Prestige, triple-butted, TIG welded. Outer butted seat tube reinforcement. Shimano vertical dropouts with eyelets. Braze-ons: two water bottle mounts, rear carrier and fender mounts.	Series 7000 aluminum alloy mountain tubaset. TIG welded. Vertical dropouts. Braze-ons: two water bottle mounts and rear mounts.	100% Tange MTB double-butted Chromoly mountain tubing. TIG welded. Vertical dropouts. Braze-ons: two water bottle mounts, rear carrier and fender mounts.	100% Tange MTB double-butted Chromoly mountain tubing. TIG welded. Vertical dropouts. Braze-ons: two water bottle mounts, rear carrier and fender mounts.	100% Chromoly mountain tubing. TIG welded. Braze-ons: two water bottle mounts, rear carrier mounts.	Chromoly three main tubes. TIG welded. Braze-ons: two water bottle mounts, rear carrier mounts.	Chromoly/high carbon mountain tubaset with water bottle braze-on.	High carbon with water bottle braze-on.	High carbon mountain tubing with water bottle braze-on.	High carbon mountain tubing with water bottle braze-on.	
Fork	Tange Concept Prestige, 100% Chromoly UniTrac with large diameter straight blades. Tapered 1.4mm wall thickness at fork crown to 1.0mm at lower blade.	Tange 100% Chromoly UniTrac with straight blades. Oversize taper gauge blades.	Tange 100% Chromoly UniTrac with straight blades. Oversize taper gauge blades.	100% Chromoly UniTrac with straight blades and rack braze-ons. Oversize taper gauge blades.	100% Chromoly UniTrac with straight blades. Oversize taper gauge blades.	100% Chromoly UniTrac with straight blades and eyelets.	100% Chromoly UniCrown with large diameter blades and eyelets.	UniCrown with eyelets.	UniCrown with eyelets.	UniCrown with fender eyelets.	UniCrown with fender eyelets.	
Rims	New Araya RM-20 narrow alloy. Black anodized.	New Araya RM-20 narrow alloy.	New Araya RM-20 narrow alloy.	New Araya RX-7 narrow alloy. Black anodized.	New Araya RX-7 narrow alloy.	New Araya RX-7 narrow alloy.	New Alesa 421 narrow alloy.	New Alesa 421 narrow alloy.	New Alesa 421 narrow alloy.	Double reinforced 26 x 1.75, chrome steel.	Double reinforced, chrome plated.	
Hubs	Deore XT II sealed system, 32h. (15-19") or 36h. (20 1/2-22 1/2")	Deore XT II sealed system, 32h. (15-19") or 36h. (20 1/2-22 1/2")	Deore II sealed system with quick release. 32h. Front wheel (15-19") or 36h. Front wheel (20 1/2-22 1/2")	Shimano Mountain LX, sealed system with quick release front and rear	Shimano Mountain LX, sealed system with quick release front and rear	ACS small flange, cold forged. Quick release front and rear	Alloy small flange front hub with quick release. Alloy rear	Alloy small flange front hub with quick release.	Alloy small flange front hub with quick release.	Heavy duty.	Heavy duty.	
Spokes	14ga stainless steel.	14ga stainless.	14ga stainless.	14ga stainless steel.	14ga stainless.	14ga.	14ga.	14ga.	14ga.	14ga.	14ga.	
Tires	Tioga Farmer John Cousin, 26 x 1.95	Tioga Farmer John Cousin, 26 x 1.95	Tioga Farmer John Cousin, 26 x 1.95	Tioga Farmer John Cousin, 26 x 1.95	Tioga Farmer John Cousin, 26 x 1.95	New Tioga Farmer John Nephew, 26 x 1.95	New Tioga Farmer John Nephew, 26 x 1.95	Cheng Shin mountain tread, high density sidewall, 26 x 1.90	Cheng Shin 26 x 1.50 raised center ridge skinwall.	Cheng Shin mountain tread, high density gum wall, 26 x 2.0	Cheng Shin mountain tread, high density gum wall, 24" w/24 x 2.0, 20" w/20 x 1.75.	
Derailleur	Front—Shimano Deore XT II. Rear—Shimano Deore XT II Hyperglide S/S.	Front—Shimano Deore XT II. Rear—Shimano Deore XT II Hyperglide SIS.	Front—Shimano Deore II. Rear—Shimano Deore II Hyperglide SIS.	Front—Shimano Deore II. Rear—Shimano Deore II, Hyperglide SIS.	Front—New Shimano Mountain LX. Rear—New Shimano Mountain LX.	Front—New Shimano Exage Mountain. Rear—New Shimano Exage Mountain SIS.	Front—SunTour XCM 3040. Rear—SunTour XCM 3040, AccuShift.	Front—Shimano AX55. Rear—Shimano Light Action SIS.	Front—Shimano AX55. Rear—Shimano Light Action SIS.	Front—Shimano AX50. Rear—Shimano Tourney.	Front—Shimano AX50 (24" only). Rear—Shimano Tourney.	
Chain	Shimano Deore XT II, Hyperglide. Silver and black finish.	Shimano Deore XT II, Hyperglide. Silver and black finish.	Shimano Deore II, Hyperglide.	Shimano Deore II, Hyperglide.	Shimano Hyperglide.	New Shimano Uniglide UG-30.	SunTour Z.	New Shimano Uniglide UG-30.	New Shimano Uniglide UG-30.	KMC.	KMC.	
Crankset	Shimano Deore XT II with new Biopace HP, 46/36/26T. Anatomically sized. Sealed bottom bracket.	Shimano Deore XT II with new Biopace HP, 46/36/26T. Anatomically sized. Sealed bottom bracket.	Shimano Deore II with new Biopace HP, 46/36/26T. Anatomically sized. Sealed bottom bracket.	Shimano Deore II with new Biopace HP, 46/36/26T. Anatomically sized. Sealed bottom bracket.	Shimano Mountain LX with Biopace, 48/38/28T. Anatomically sized. Sealed bottom bracket.	Shimano Exage Mountain with Biopace, 48/38/28T. Anatomically sized. Sealed bottom bracket.	SR XCM 3040 with alloy OvalTech, 48/38/28T. Anatomically sized. Sealed bottom bracket.	Forged alloy with triple chain, 48/38/28T.	Forged with triple chain, 48/38/28T.	SR 170mm, alloy with 52/40T chainrings.	Chromed steel, one-piece. 24" with 48/40T chainrings, 20" w/44T chainring.	
Freewheel	Shimano Deore XT II, Hyperglide, cassette, 7-speed, 13-30T.	Shimano Deore XT II, Hyperglide, cassette, 7-speed, 13-30T.	Shimano Deore II, Hyperglide, cassette, 7-speed, 13-30T.	Shimano Deore II, Hyperglide, cassette, 7-speed, 13-30T.	Shimano Mountain LX, Hyperglide, cassette, 7-speed, 13-30T.	Shimano Z, 6-speed, 14-28T.	SunTour Alpha, 6-speed, 14-28T.	Shimano Z, 6-speed, 14-28T.	Shimano Z, 6-speed, 14-28T.	Shimano Z, 6-speed, 14-28T.	Shimano Z, 5-speed, 14-28T.	
Brakes	*Shimano Deore XT II SLR Linear Response cantilever front and rear with new two-finger brake levers.	*Shimano Deore XT II SLR Linear Response cantilever front and rear with new two-finger brake levers.	*Shimano Deore II SLR Linear Response cantilever front and rear with new two-finger brake levers.	*Shimano Deore II SLR Linear Response cantilever front and rear with new two-finger brake levers.	*Shimano Mountain LX SLR Linear Response cantilever front and rear with adjustable brake levers, alloy.	*New LX Mountain SLR Linear Response cantilever front and rear with alloy composite Exage brake levers.	*XT style cantilever front and rear with XT style brake levers.	New alloy low profile cantilever front and rear with XT style alloy mountain levers.	U-brake rear mounted under chainstay. Alloy mountain cantilever front with alloy mountain levers.	New Lee Chi alloy low profile cantilever front and rear with mountain levers.	24" wheel. Low profile cantilever front and rear with mountain levers. 20": Low profile cantilever front and rear U-brake with mountain levers.	
*Note: 15" frame has U-brake on chainstays.												
Pedals	Shimano Deore XT II Comp	Shimano Deore XT II Comp	Tioga Sure Foot with toe clip flip.	XT Comp, alloy Chromoly spindles.	XT Comp, alloy Chromoly spindles.	XT style, Zytel (toe clip adaptable)	XT style, Zytel (toe clip adaptable)	XT style, Zytel (toe clip adaptable)	Victor alloy platform with Chromoly spindles.	XT style, Zytel (toe clip adaptable)	XT style, Zytel (toe clip adaptable)	
Headset	Shimano Deore XT II, sealed.	Shimano Deore XT II.	Shimano Deore II, sealed.	Sealed. Black chrome.	Sealed. Black chrome.	Diamond Back.	Diamond Back.	Diamond Back.	Diamond Back.	Diamond Back.	Diamond Back.	
Seatpost	Shimano Deore XT II, hard black anodized.	SR MTE-300mm	Kalloy SP, 300mm.	Delta DP, 300mm.	Delta DP, 300mm.	Delta DP, 300mm.	Hi-carbon steel, satellite finish, 250mm.	Hi-carbon steel, 250mm.	Hi-carbon steel.	Hi-carbon steel.	Hi-carbon steel.	
Saddle	Avenir Turbogel Lycra. Made in Italy.	Avenir Turbogel Lycra. Made in Italy.	Avenir Turbogel Lycra. Made in Italy.	Avenir Turbogel Lycra. Made in Italy.	Avenir Racingel Lycra. Made in Italy.	Avenir Racingel Lycra. Made in Italy.	New Avenir Racing anatomic.	Avenir Racing anatomic.	Padded anatomic, spring.	Padded anatomic, spring.	Padded anatomic, spring.	
Bar	Tioga Tange Prestige tapered, black chrome. Flat with 6 degree bend.	Tioga tapered aluminum, black anodized. Flat with 6 degree bend. Anatomically sized.	New DB tapered aluminum, black anodized. Flat with 10 degree bend. Anatomically sized.	New DB tapered aluminum, black anodized. Flat with 10 degree bend. Anatomically sized.	New DB tapered aluminum, black anodized. Flat with 10 degree bend. Anatomically sized.	New DB tapered Chromoly, Flat with 10 degree bend. Anatomically sized.	New DB tapered Chromoly, Flat with 10 degree bend. Anatomically sized.	DB Mountain CR-5, bulge.	DB hi-rise.	Mountain CR-5, painted.	Mountain CR-5, painted.	
Stem	Tioga Prestige T-Bone, Black chrome. Anatomically sized.	Tioga Prestige T-Bone, Black chrome. Anatomically sized.	Tioga T-Bone, Black finish. Anatomically sized.	Tioga T-Bone, Black finish. Anatomically sized.	Tioga T-Bone, Black chrome. Anatomically sized.	New DB Chromoly, TIG welded. Anatomically sized.	DB Chromoly, TIG welded. Anatomically sized.	DB TIG welded, high carbon steel.	DB TIG welded, high carbon steel.	DB TIG welded.	DB TIG welded.	
Sizes	15", 17", 18", 20 1/2", 22 1/2"	15", 17", 18", 20 1/2", 22 1/2"	15", 17", 18", 20 1/2", 22 1/2"	15", 17", 18", 20 1/2", 22 1/2"	15", 17", 18", 20 1/2", 22 1/2"	15", 17", 18", 20 1/2", 22 1/2"	15", 17", 18", 20 1/2", 22 1/2"	15", 17", 18", 20 1/2", 22 1/2" Ladies: 17"	17", 18", 20 1/2", 22 1/2" Womens: 17" Boys and Girls: 15" with 24" wheels.	16", 19", 22" Ladies: 19"	17", 20 1/2", 22" Womens: 17"	24" wheel: 15" Boys, 15" Girls, 20" wheel, 12 1/2" Boys.
Colors	Dualtone Grey Marble/White.	Dualtone Marble/White.	Dualtone Lilac Smoke/White, Yellow	Iridescent Lilac Smoke, Bold Black.	Dualtone Blue Smoke/White, Solid Race Red.	Iridescent Lilac Smoke, Reflex Blue.	Iridescent White with Lilac clear coat, Aqua Blue, Bold Black.	Race Red, Soft Grey, Yellow.	Iridescent White with Red clear coat, Reflex Blue. Kickstand included.	Race Red, Aqua Blue. Kickstand included.	Race Red, Aqua Blue. Kickstand included with 24" model.	

Specifications subject to change without notice.

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