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1990
DIAMOND BACK
MOUNTAIN

2 THROUGH TYPICAL

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AXIS XT

When mountain racing is in your blood, nothing less than everything is enough. Rock-solid handling is required. Power has to go to the rear wheel, not to frame flex. Radical descents demand enough braking power to stop a train. Just for you, Diamond Back designers built their best mountain racing design from select Tange Prestige MTB tubing and called it "Axis XT." They added Shimano's best group, Deore XT II. Featuring a fully integrated drive system, it's the most advanced shifting technology available today. The goodies don't stop there. Powerful Shimano SLR brakes with two-finger levers deliver downhill control. Sleek Araya RM-17 narrow alloy rims, shod with Panaracer Timbuk II tires, is the hardest working wheel system on the mountain circuit. If you want serious mountain racing performance, you want Axis XT.

Shown above in Dualtone Black Marble/White Finish

APEX

Unsurpassed in performance by machines costing twice as much, Apex is a serious racer. Double Butted Tange MTB

Chromoly tubing is built into the Diamond Back racing geometry.



Unitrac steering system with our new SuperRadius fork utilizes Tange "Avenger"

O/S headset system. This new system delivers precise handling, while standing up to all the demands of off-road riding.

Brake Booster seatstays and

73mm bottom bracket are standard equipment. With the

Deore DX group, Shimano's 21-speed STI system is the

latest word in all-terrain performance componentry.

RX-7 rims with Panaracer Timbuk II tires rounds out the component package.

Shown above in Blue Fade Smoke.



Also available in Race Red.



COMPETITION SERIES

SORRENTO

Rugged and ready, the Sorrento can take you off-road with ease. Custom selected Chromoly/high carbon mountain

frameset is ready for the rough stuff.

Shimano 200GS

group features 21-speed Hyperglide

performance, and STI push button

shifting system to get you the right

gear every time. Bio-pace crankset,

with Superglide front shifting,

adds leverage to your

power during those

low-speed climbs.



Powerful SLR brakeset keeps you in

control, even during fast descents.

You'll be comfortable while riding

with Avenir anatomic saddle and

mountain rise handlebar. Add some

adventure to your life with the

Diamond Back

Sorrento 18.8



Also available in Black.

Shown above in Iridescent White w/Lilac Clear Coat and Race Red.



1990

GEOMETRY

Frames are designed to effectively balance body position over the bicycle to enhance climbing traction and downhill steering stability. This is done by positioning the saddle effectively over the crankset, then positioning the rear wheel for maximum traction, and balancing the steering for best control. Rider and designer experience have been brought to bear on this design challenge. Prototypes are built and tested, then designs are fine-tuned to bring the best of the bicycle designer's art to you.

BRAKES	PEDALS	HEADSET	SEATPOST	SADDLE	BAR	STEM	SIZE	COLOR
Shimano Deore XT-SLR. Two finger brake lever. Cantilever front and rear.*	Shimano Deore XT-II Comp.	New oversize alloy Tioga Avenger, triple sealed, black anodized.	SR MTE-300MM. Micro-adjust.	Avenir Turbo Gel Lycra. Made in Italy.	Tioga tapered aluminum, black anodized. Flat w/10° bend. Anatomically sized.	Tioga Prestige T-Bone, black chrome. Anatomically sized.	15", 17", 19", 20.5", 22.5"	Dual tone Black Marble/White.
Shimano Deore DX-SLR. Two finger brake lever. Cantilever front and rear.*	HTI XT-Comp style, alloy.	New oversize Tioga Avenger, triple sealed, black CP. Made in Japan.	Kalloy SP 300MM. Micro-adjust.	Avenir Turbo Gel Lycra. Made in Italy.	DB tapered aluminum, black anodized. Flat w/10° bend. Anatomically sized.	Tioga T-Bone, black finish. Anatomically sized.	15", 17", 19", 20.5", 22.5"	Black w/White Spangle.
Shimano Deore DX-SLR. Two finger brake lever. Cantilever front and rear.*	HTI XT-Comp style, alloy.	New oversize Tioga Avenger, triple sealed, black CP. Made in Japan.	Kalloy SP 300MM. Micro-adjust.	Avenir Turbo Gel Lycra. Made in Italy.	DB tapered aluminum. Flat w/10° bend. Anatomically sized.	Tioga T-Bone, black finish. Anatomically sized.	15", 17", 19", 20.5", 22.5"	Blue Fade Smoke, Race Red.
Shimano Deore LX-SLR. Cantilever front and rear.*	HTI Low Fat style.	New oversize Tioga Avenger, triple sealed, black CP. Made in Japan.	Kalloy SP 300MM. Micro-adjust.	Avenir Turbo Gel Lycra. Made in Italy.	DB tapered aluminum, black anodized. Flat w/10° bend. Anatomically sized.	Tioga T-Bone, black finish. Anatomically sized.	15", 17", 19", 20.5", 22.5"	100% Smoke w/Lilac, Reflex Blue.
Shimano 400LX-SLR. Cantilever front and rear.*	HTI Zytel resin, XT style.	New oversize Tioga Avenger, triple sealed, black CP. Made in Japan.	Kalloy SP 300MM. Micro-adjust.	Avenir Racing Gel Lycra. Made in Italy.	DB tapered CR-MO. Flat w/10° bend. Anatomically sized.	DB CR-MO TIG Welded. Anatomically sized.	15", 17", 19", 20.5", 22.5"	Blue Fade Smoke, Black.
Shimano 300LX-SLR. Cantilever front and rear.*	HTI Zytel resin, XT style.	DB Black finish.	Hi-carbon steel, satellite finish.	Avenir Racing Anatomic.	DB tapered CR-MO. Flat w/10° bend. Anatomically sized.	DB CR-MO TIG Welded. Anatomically sized.	15", 17", 19", 20.5", 22.5", Ladies 17"	Soft Gray, Iridescent White w/Lilac, Reflex Blue.
Shimano 200GS-SLR. Cantilever front and rear.*	HTI Zytel resin, XT style.	DB Black finish.	Hi-carbon steel, 250MM.	Avenir Racing Anatomic.	3" rise MTN bend, Hi-carbon. Anatomically sized.	DB TIG Welded Hi-carbon steel.	15", 17", 19", 20.5", 22.5", Ladies 17"	Iridescent White w/Lilac, Race Red, Black.
Shimano 200GS-SLR. Cantilever (front) w/ Exage MTN U-Brake (rear).	Victor, Platform w/CR-MO spindle.	DB Chrome Plated.	Hi-carbon steel.	Padded Anatomic Spring saddle.	DB Hi-rise.	DB TIG Welded Hi-carbon steel.	15", 17", 19.5", 22", Ladies 17"	Iridescent White w/Lilac, Aqua Blue.
Dia-Compe 981, BRS alloy cantilever front and rear w/Dia-Compe XCT brake levers.	HTI Zytel resin, XT style.	DB Chrome Plated.	Hi-carbon steel.	Padded Anatomic	3" rise MTN bend, Hi-carbon. Anatomically sized.	DB TIG Welded Hi-carbon steel.	26": 17", 20.5", 22", Ladies 17", 24": 15" Boys and Girls.	26": Mens: Race Red, Black, Ladies: Race Red, Aqua Blue. 24": Boys: Race Red, Black, Girls: Race Red, Aqua Blue

AXIS XT

SEAT TUBE LENGTH	TOP TUBE LENGTH	CHAIN STAY LENGTH	WHEEL BASE	BOTTOM BRACKET HEIGHT	FORK OFFSET	HEAD TUBE ANGLE	SEAT TUBE ANGLE
15"	539	426	1035	300	50mm	70°	73°
17"	543	426	1041	300	45mm	70°	73°
19"	573	426	1051	300	38mm	71°	73°
20.5"	590	426	1064	300	38mm	71°	73°
22.5"	610	426	1081	300	38mm	71°	73°

ARRIVAL, APEX, ASCENT EX, ASCENT

SEAT TUBE LENGTH	TOP TUBE LENGTH	CHAIN STAY LENGTH	WHEEL BASE	BOTTOM BRACKET HEIGHT	FORK OFFSET	HEAD TUBE ANGLE	SEAT TUBE ANGLE
15"	530	430	1035	300	45mm	71°	73°
17"	548	425	1041	300	45mm	71°	73°
19"	573	425	1051	300	45mm	71°	73°
20.5"	585	425	1064	300	45mm	71°	73°
22.5"	600	425	1081	300	45mm	71°	73°

TOPANGA, SORRENTO

SEAT TUBE LENGTH	TOP TUBE LENGTH	CHAIN STAY LENGTH	WHEEL BASE	BOTTOM BRACKET HEIGHT	FORK OFFSET	HEAD TUBE ANGLE	SEAT TUBE ANGLE
15"	529	430	1042	300	45mm	70°	73°
17"	548	430	1054	300	45mm	70°	73°
17"L	565	430	1054	300	45mm	70°	73°
19"	561	430	1054	300	45mm	70°	73°
20.5"	573	430	1067	300	45mm	70°	73°
22.5"	592	430	1088	300	45mm	70°	73°

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BRAKE BOOSTER
M-1157/DS