CHANGE IS GOOD

98

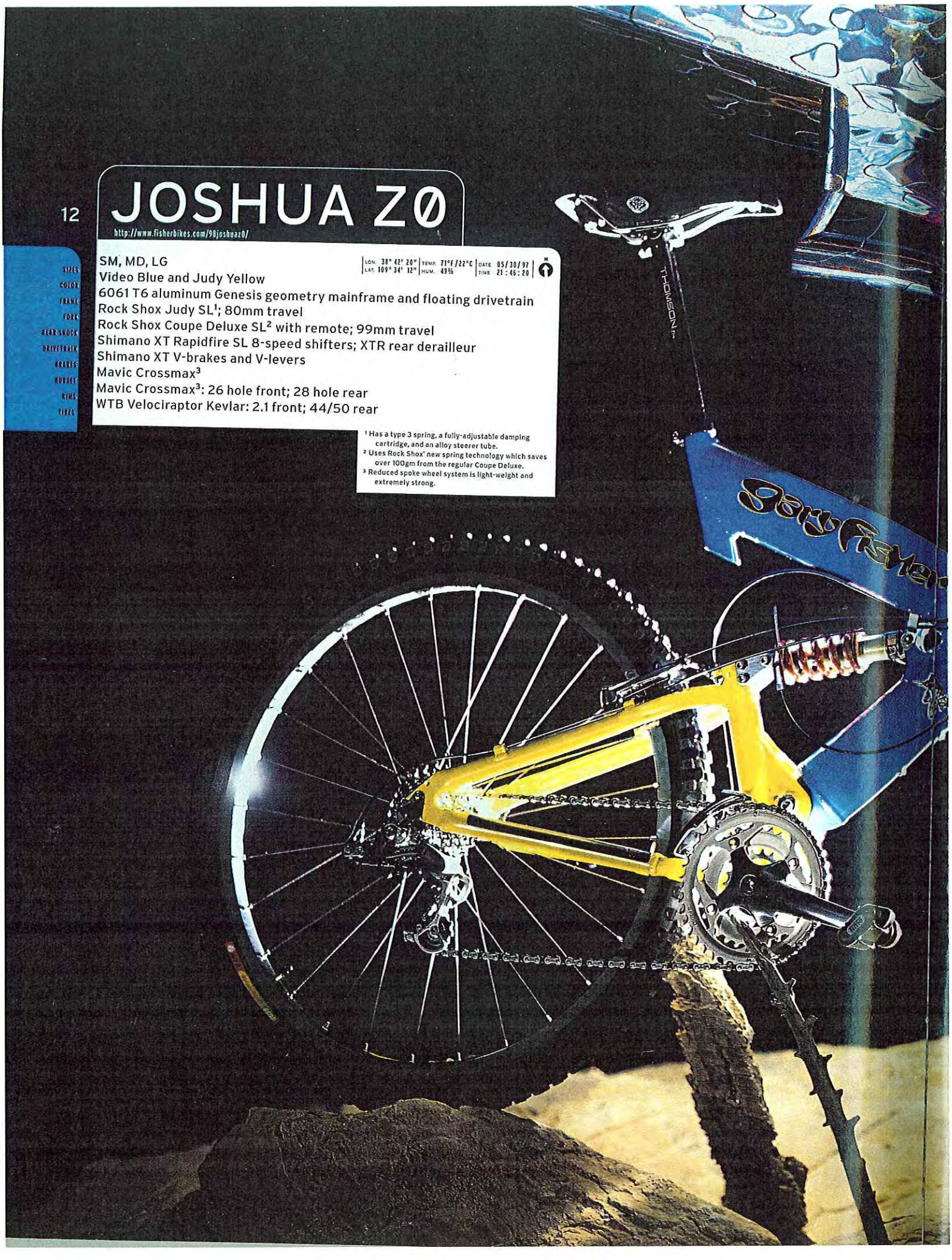
JOSHUA Z0

http://www.fisherbikes.com/98joshuaz0/

SIZES	SM, MD, LG
COLOR	Video Blue and Judy Yellow
FRAME	6061 T6 aluminum Genesis geometry mainframe and floating drivetrain
FORK	Rock Shox Judy SL[1]; 80mm travel
REAR SHOCK	Rock Shox Coupe Deluxe SL[2] with remote; 99mm travel
DRIVETRAIN	Shimano XT Rapidfire SL 8-speed shifters; XTR rear derailleur
BRAKES	Shimano XT V-brakes and V-levers
HUBSET	Mavic Crossmax[3]
RIMS	Mavic Crossmax[3]: 26 hole front; 28 hole rear
TIRES	WTB Velociraptor Kevlar: 2.1 front; 44/50 rear

LON. 38° 42' 20" | LAT. 109° 34' 12" | TEMP. 71°F/22°C | HUM. 49% | DATE 05/30/97 | TIME 21:46:20

[1] Has a type 3 spring, a fully-adjustable damping cartridge, and an alloy steerer tube.
[2] Uses Rock Shox' new spring technology which saves over 100gm from the regular Coupe Deluxe.
[3] Reduced spoke wheel system is light-weight and extremely strong.



GaryFisher

JOSHUA Z1

http://www.fisherbikes.com/98joshuaz1/

SIZES	SM, MD, LG
COLOR	Team Yellow and Team Red
FRAME	6061 T6 aluminum Genesis geometry mainframe and floating drivetrain
FORK	Manitou Xvert[1] single clamp; 80mm travel
REAR SHOCK	Rock Shox Coupe Deluxe with remote; 99mm travel
DRIVETRAIN	Gripshift ESP 9.0 8-speed
BRAKES	Avid 20 direct pull; Avid 1.9 direct pull levers
HUBSET	WTB Greaseguard 1R[2] front; Shimano XT rear
RIMS	Bontrager Valiant 28 hole front; Bontrager Mustang ASYM 32 hole rear
TIRES	WTB Velociraptor Kevlar: 2.1 front; 44/50 rear

[1] New model uses oversize stanchions for flex-free precision steering.
[2] Oversize axle, radial contact bearings and easily-accessible grease ports.
* Time ATAC clipless pedals are nearly impossible to pack up with debris.

JOSHUA X0

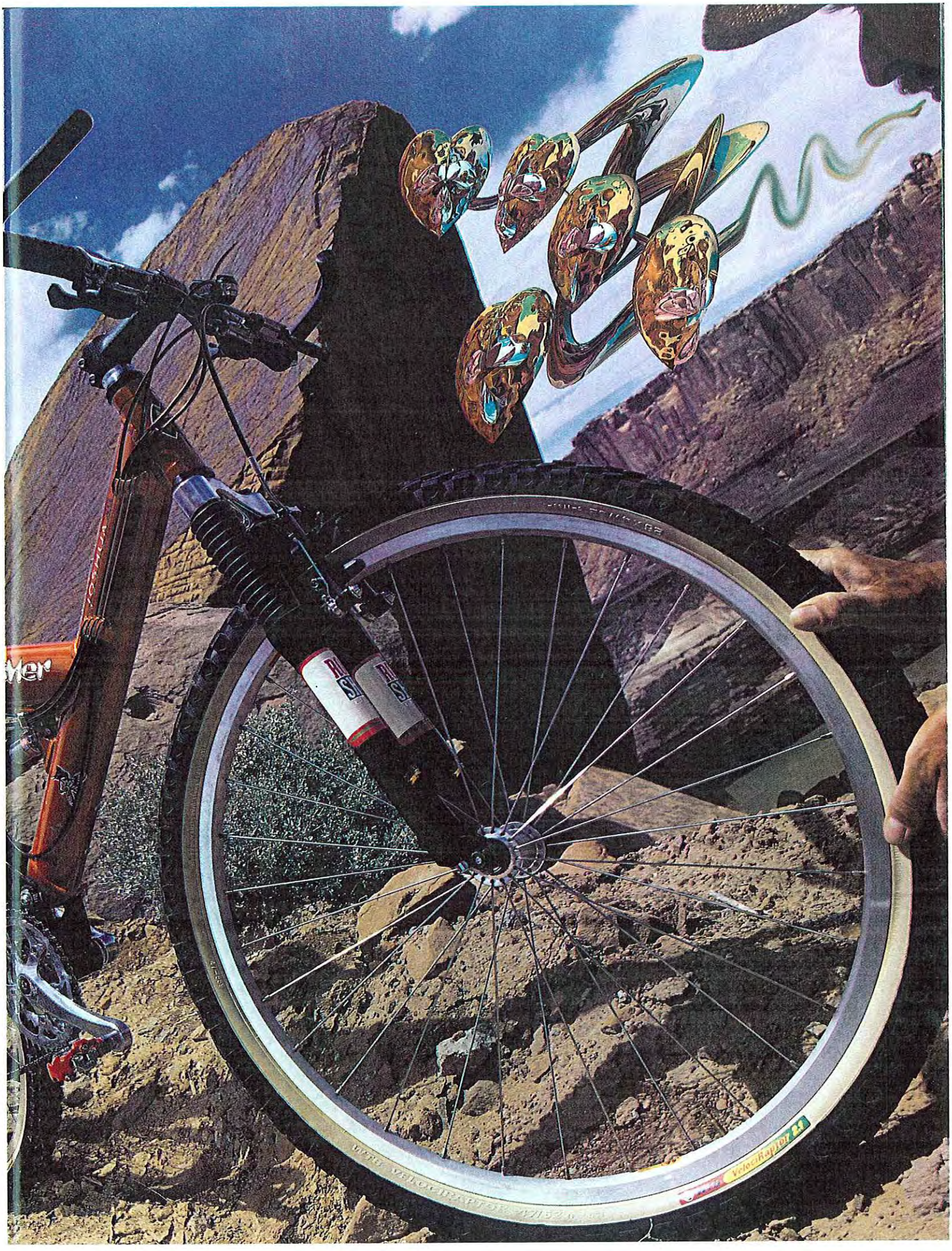
16

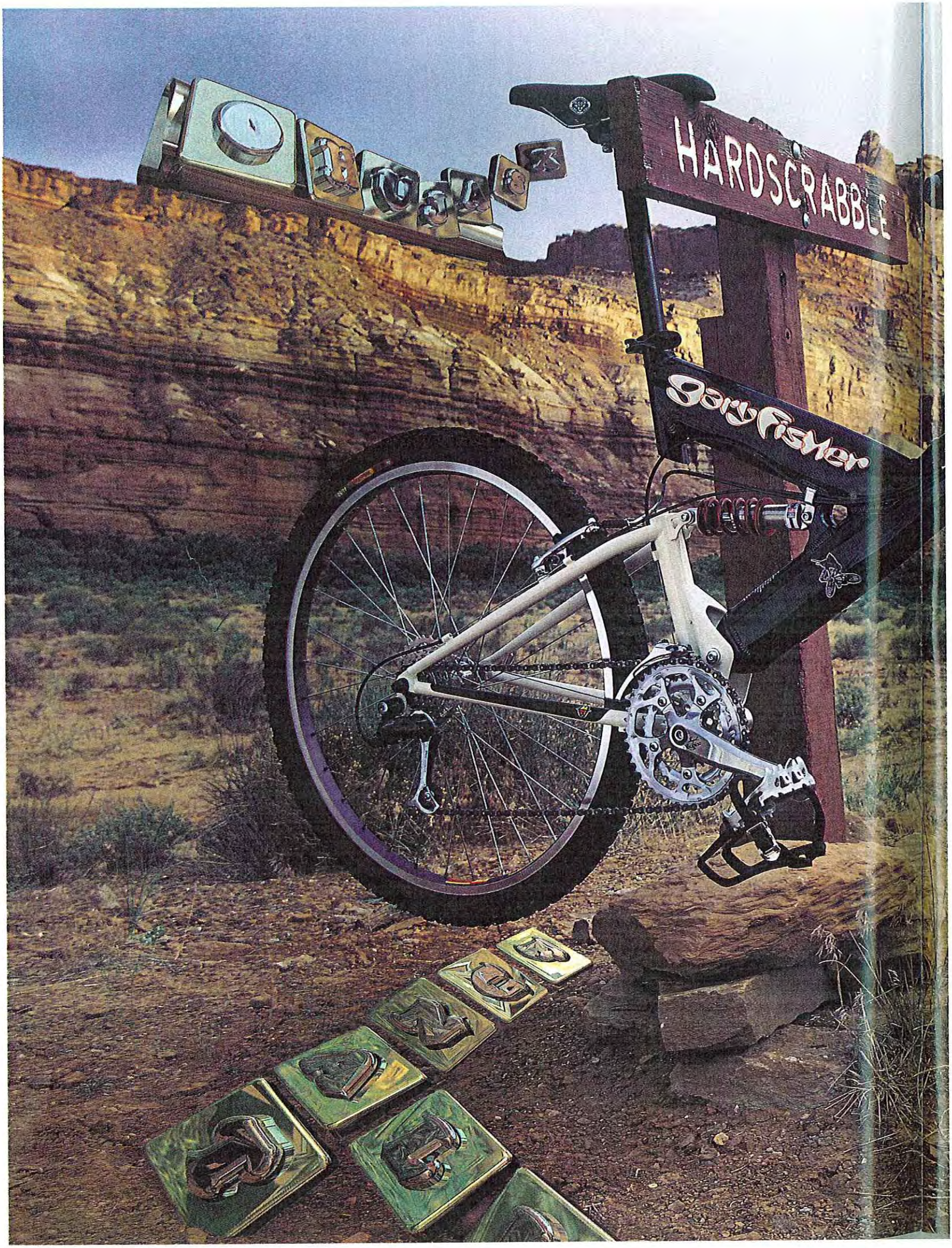
http://www.fisherbikes.com/98joshuax0/

LON. 38° 27' 46" | LAT. 110° 00' 20" | TEMP. 96°F/35°C | HUM. 32% | DATE 06/01/97 | TIME 16:20:14

SIZES	SM, MD, LG
COLOR	Acid Tangerine and Midnight
FRAME	6061 T6 aluminum Genesis geometry mainframe and floating drivetrain
FORK	Rock Shox Judy T2[1]; 80mm travel
REAR SHOCK	Rock Shox Coupe Deluxe with remote[2]; 99mm travel
DRIVETRAIN	Shimano LX Rapidfire SL 8-speed shifters; XT SGS rear derailleur
BRAKES	Avid 10 direct pull[3]; Avid 1.0 direct pull levers
HUBSET	Fisher Ginzu Team front; Shimano STX-RC rear
RIMS	Bontrager Maverick: 28 hole front; ASYM 32 hole rear
TIRES	WTB Velociraptor Kevlar: 2.1 front; 44/50 rear

[1] New lower-priced Judy using Rock Shox's Type 2 spring technology.
[2] For '98, is equipped with handlebar mounted remote damping adjuster.
[3] Long arm cantilever design has micro-adjust linear springs for smooth, powerful braking.


VeloRaptor


HARDSCRABBLE
Gary Fisher

JOSHUA X1

http://www.fisherbikes.com/4joshuax1/

SIZES	SM, MD, LG
COLOR	Midnight and Cream
FRAME	6061 T6 aluminum Genesis geometry mainframe; cromoly floating drivetrain
FORK	Rock Shox Indy XC; 75mm travel
REAR SHOCK	Rock Shox Deluxe; 99mm travel
DRIVETRAIN	Shimano STX-RC Rapidfire+ 8-speed shifters with OGD; XT SGS rear derailleur[1]
BRAKES	Dia-Compe 737 direct pull; Dia-Compe DP7N direct pull levers
HUBSET	Fisher Ginzu Team front; Shimano STX-RC rear
RIMS	Bontrager Maverick: 28 hole front; ASYM 32 hole rear
TIRES	WTB Velociraptor; 2.1 front; 44/50 rear

[1] Top level Shimano performance.
* WTB SSTX saddle custom-made for Fisher.

LEVEL BETTY FH0

http://www.fisherbikes.com/97/level/betty.html

LON.	38° 19' 29"	TEMP.	76°F/24°C	DATE	06/03/97
LAT.	109° 54' 33"	HUM.	39%	TIME	06:57:12

SIZES	SM, MD, LG
COLOR	Wango Mango
FRAME	6061 T6 aluminum long travel geometry mainframe and floating drivetrain
FORK	Manitou Xvert R[1] double clamp; 100mm travel
REAR SHOCK	Answer Afterburner[2]; 132mm travel
DRIVETRAIN	Gripshift ESP 9.0SL 8-speed
BRAKES	Hayes disc[3]
HUBSET	Hügi/Hayes
RIMS	Bontrager Mustang ASYM 32 hole front; Bontrager Maverick ASYM 32 hole rear
TIRES	WTB Tyranoraptor; 52/54

[1] New twin piston chamber damping offers precise fade-free damping control.
[2] Independent compression and rebound damping; aluminum shaft for reduced weight.
[3] Dual piston, self-adjusting brakes for extreme stopping power.

FH O
MANITOU

Gary Fisher
Level Betty

LEVEL BETTY FH1

http://www.fisherbikes.com/98levelbettyfh1/

SIZES	SM, MD, LG
COLOR	Lime Green and Eggplant
FRAME	6061 T6 aluminum long travel geometry mainframe and floating drivetrain
FORK	Rock Shox Judy XL[1] double clamp; 101mm travel
REAR SHOCK	Rock Shock Super Deluxe; 135mm travel
DRIVETRAIN	Shimano LX Rapidfire SL 8-speed shifters; XT SGS rear derailleur
BRAKES	Hayes disc brake and lever front; Avid 10 brake and Avid 1.0 lever rear
HUBSET	Hayes-compatible disc front; Shimano STX-RC rear
RIMS	Bontrager Mustang: ASYM 32 hole front; ceramic ASYM 32 hole rear
TIRES	WTB Tyranoraptor; 52/54

[1] Judy technology in a precision steering double clamp format.

* New Bontrager Crow Bar with super stiff welded crossbar.
* Shimano-compatible Icon clipless pedals with a larger platform for your foot.

GaryFisher
Betty

LEVEL BETTY FH2

http://www.fisherbikes.com/98levelbettyfh2/

SIZES	SM, MD, LG
COLOR	Pearl Red and Pearl Gray
FRAME	6061 T6 aluminum long travel geometry mainframe and floating drivetrain
FORK	Rock Shox Judy XLC[1] double clamp; 100mm travel
REAR SHOCK	Rock Shox Deluxe[1] coil over; 135mm travel
DRIVETRAIN	Shimano STX-RC Rapidfire+ 8-speed shifters with OGD; Deore LX SGS rear derailleur
BRAKES	Dia-Compe 737 direct pull; Dia-Compe DP7N direct pull levers
HUBSET	Fisher Ginzu Team front; Shimano STX-RC rear
RIMS	Bontrager Maverick: 32 hole front; ASYM 32 hole rear
TIRES	WTB Tyranoraptor[2]; 52/54

LON. 38° 27' 08" | LAT. 110° 00' 33" | TEMP. 85°F/29°C | HUM. 34% | DATE 06/02/97 | TIME 19 : 41 : 42

[1] Rock Shox entry-level fun hog suspension setup. Let's Tango.
[2] New design has a wider footprint for rim protection and increased traction.
* Titec Berzerkr saddle provides a big platform for getting rowdy.

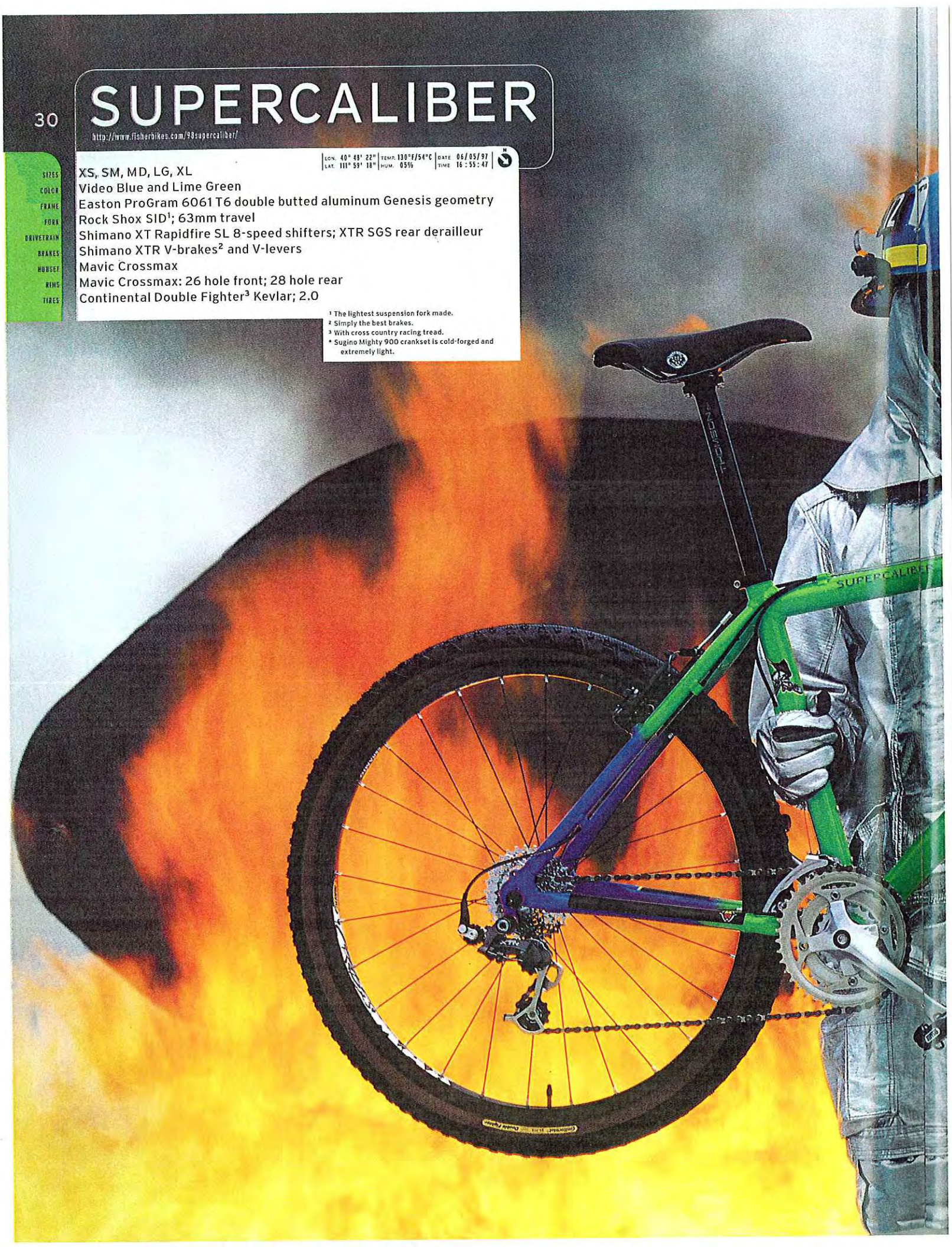
SUPERCALIBER

http://www.fisherbikes.com/98supercaliber/

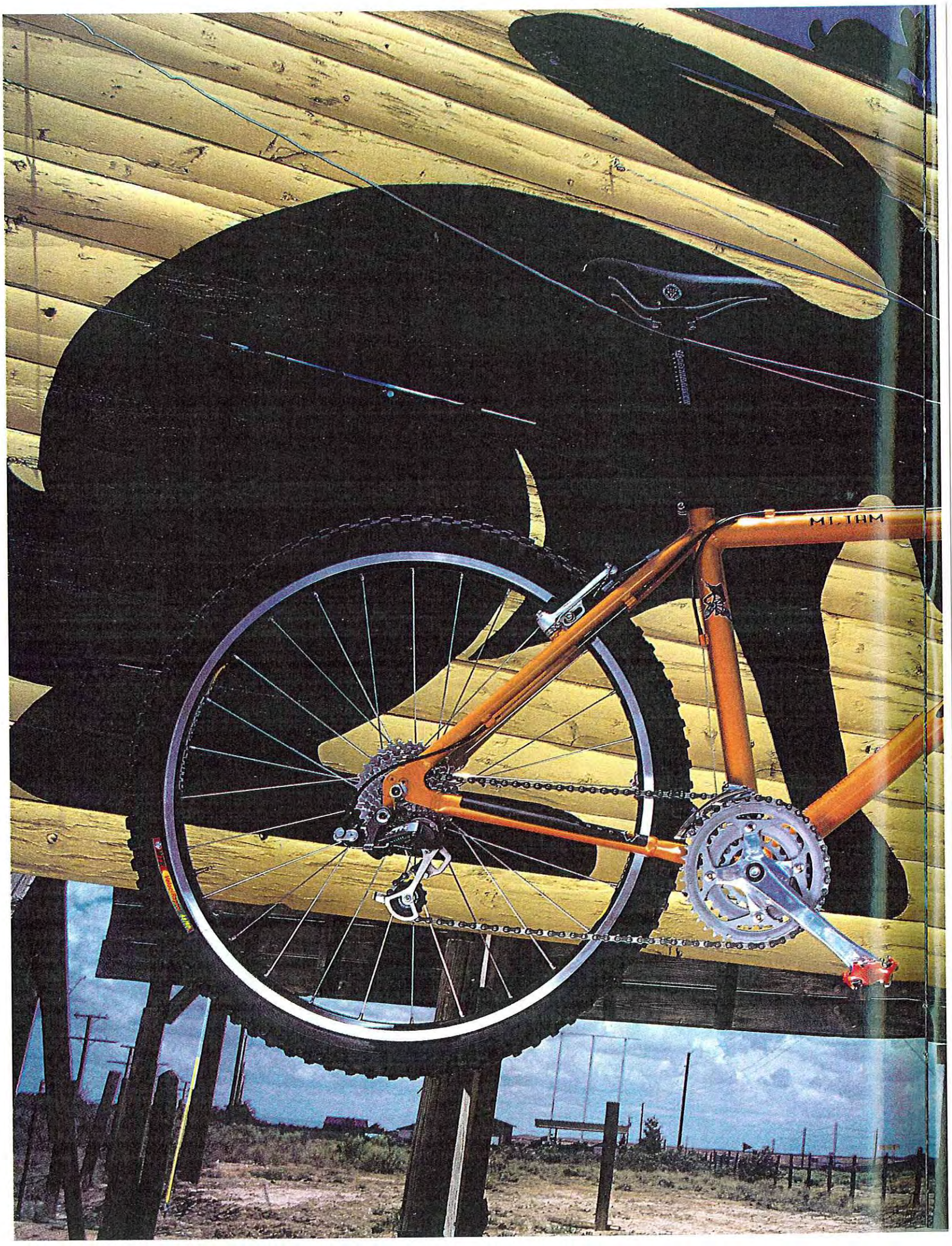
LON. 40° 43' 22" | LAT. 111° 59' 18" | TEMP. 130°F/54°C | HUM. 05% | DATE 06/05/97 | TIME 16:55:47

SIZES	XS, SM, MD, LG, XL
COLOR	Video Blue and Lime Green
FRAME	Easton ProGram 6061 T6 double butted aluminum Genesis geometry
FORK	Rock Shox SID[1]; 63mm travel
DRIVETRAIN	Shimano XT Rapidfire SL 8-speed shifters; XTR SGS rear derailleur
BRAKES	Shimano XTR V-brakes[2] and V-levers
HUBSET	Mavic Crossmax
RIMS	Mavic Crossmax: 26 hole front; 28 hole rear
TIRES	Continental Double Fighter[3] Kevlar; 2.0

[1] The lightest suspension fork made.
[2] Simply the best brakes.
[3] With cross country racing tread.
* Sugino Mighty 900 crankset is cold-forged and extremely light.



Specialized


MT. IHM

MT TAM

http://www.fisherbikes.com/98mttam/

SIZES	XS, SM, MD, LG, XL
COLOR	Wango Mango
FRAME	Easton ProGram 6061 T6 double butted aluminum Genesis geometry
FORK	Manitou SXR; 70mm travel
DRIVETRAIN	Shimano XT Rapidfire SL 8-speed shifters; XTR SGS rear derailleur[1]
BRAKES	Avid 20 direct pull; Avid 1.9 direct pull levers
HUBSET	Mavic Crossland[2]
RIMS	Mavic Crossland[2]: 26 hole front; 28 hole rear
TIRES	WTB Velociraptor Kevlar: 2.1 front; 44/50 rear

[1] The '98 XTR rear derailleur is reverse pull for light action shifting.
[2] Wheelset designed from the inside out for optimal strength and light weight.
* Batter Fried Fish Fin bar ends – New ergonomic multi-position design.

ZIGGURAT

http://www.fisherbikes.com/98ziggurat/

LON.	39° 16' 05"	TEMP.	77°F /25°C	DATE	06/05/97
LAT.	110° 20' 42"	HUM.	38%	TIME	21:25:49

SIZES	XS, SM, MD, LG, XL
COLOR	Team Fade: Red and Yellow
FRAME	Easton ProGram 6061 T6 double butted aluminum Genesis geometry
FORK	Rock Shox Judy XC[1]; 65mm travel
DRIVETRAIN	Shimano XT Rapidfire SL 8-speed shifters; XTR SGS rear derailleur
BRAKES	Avid 20 direct pull; Avid 1.9 direct pull levers
HUBSET	WTB Greaseguard 1R front; Shimano XT rear
RIMS	Bontrager Valiant 28 hole front; Bontrager Mustang ASYM 32 hole rear
TIRES	WTB Velociraptor Kevlar[2]: 2.1 front; 44/50 rear

[1] Proven Judy technology with improved damping cartridge, and more durable seals.
[2] Kevlar folding tires are lighter for quicker acceleration.

TRAIL
Fisher

International

PARAGON

http://www.fisherbikes.com/98paragon/

SIZES	XS, SM, MD, LG, XL
COLOR	Midnight
FRAME	Easton ProGram 6061 T6 double butted aluminum Genesis geometry
FORK	Rock Shox Indy SL; 63mm travel
DRIVETRAIN	Shimano Deore LX Rapidfire SL 8-speed shifters; Deore XT SGS rear derailleur
BRAKES	Avid 20 direct pull; Avid 1.9 direct pull levers
HUBSET	Fisher Ginzu Pro[1] front; Shimano LX rear
RIMS	Bontrager Valiant[2] 28 hole front; Bontrager Mustang ASYM 32 hole rear
TIRES	WTB Velociraptor Kevlar: 2.1 front; 44/50 rear

[1] Oversize axle, hubshell, and skewer make for very precise steering.
[2] New triple cavity rim with welded and machined sidewall construction. Weighs only 370gm.

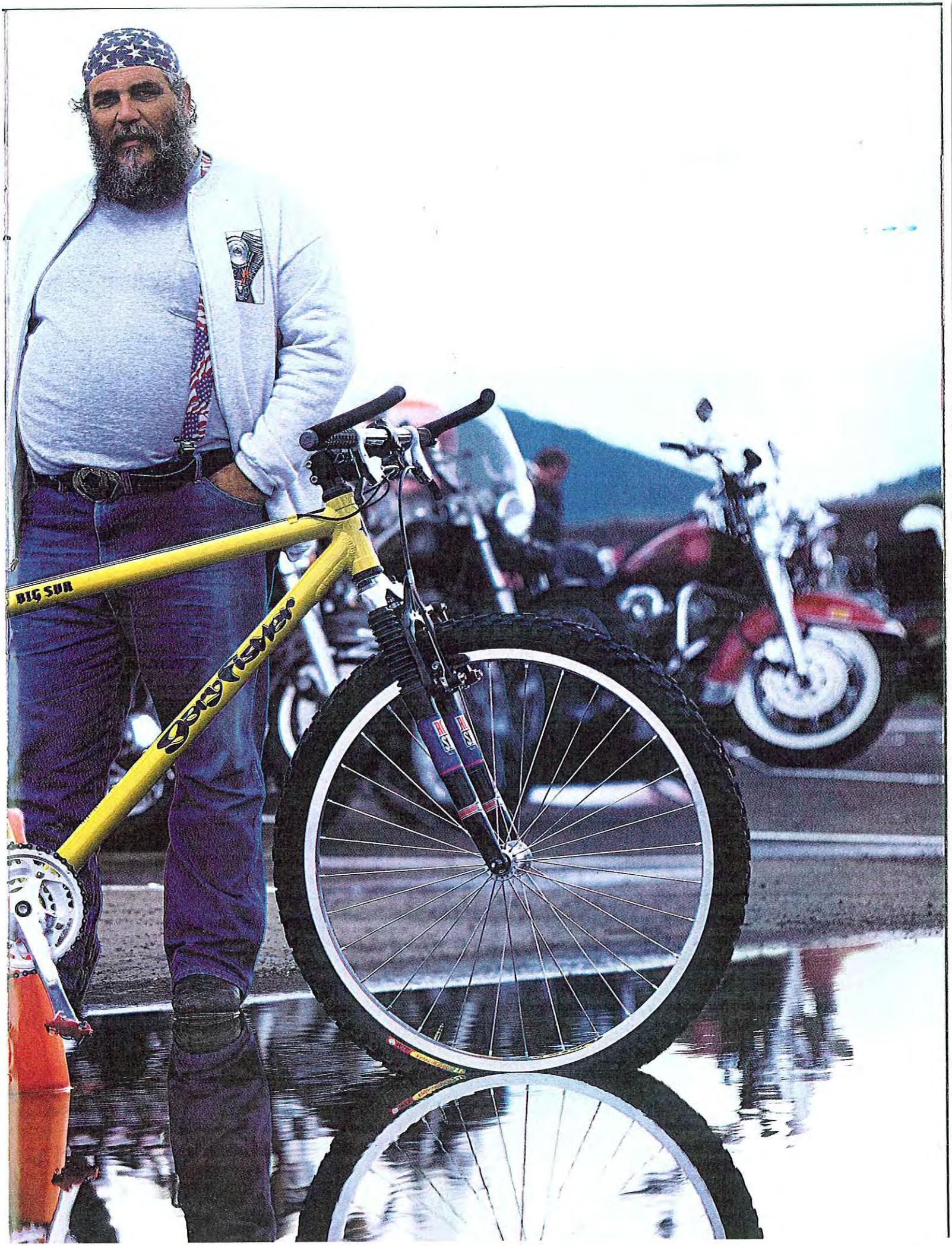
BIG SUR

htt

LON. 35° 14' 59" | LAT. 111° 48' 52" | TEMP. 59°F/15°C | HUM. 85% | DATE 06/07/97 | TIME 15:52:25

SIZES	XS, SM, MD, LG, XL
COLOR	Acid Yellow
FRAME	Easton ProGram 6061 T6 double butted aluminum Genesis geometry
FORK	Rock Shox Indy XC; 63mm travel
DRIVETRAIN	Shimano STX-RC Rapidfire+ 8-speed shifters with OGD; XT SGS rear derailleur
BRAKES	Avid 10 direct pull; Avid 1.0 direct pull levers
HUBSET	Fisher Ginzu Team front; Shimano STX-RC rear
RIMS	Bontrager Maverick: 28 hole front; ASYM[1] 32 hole rear
TIRES	WTB Velociraptor[2]: 2.1 front; 44/50 rear

[1] Reduced dish equals more strength.
[2] The most trusted name in mountain bike tires.
* New Sugino Mighty 700 crankset with custom 4 bolt chainring attachment.
! Photo Pho Paw – Actual spec on this bike: XT SGS rear derailleur


BIG SUR

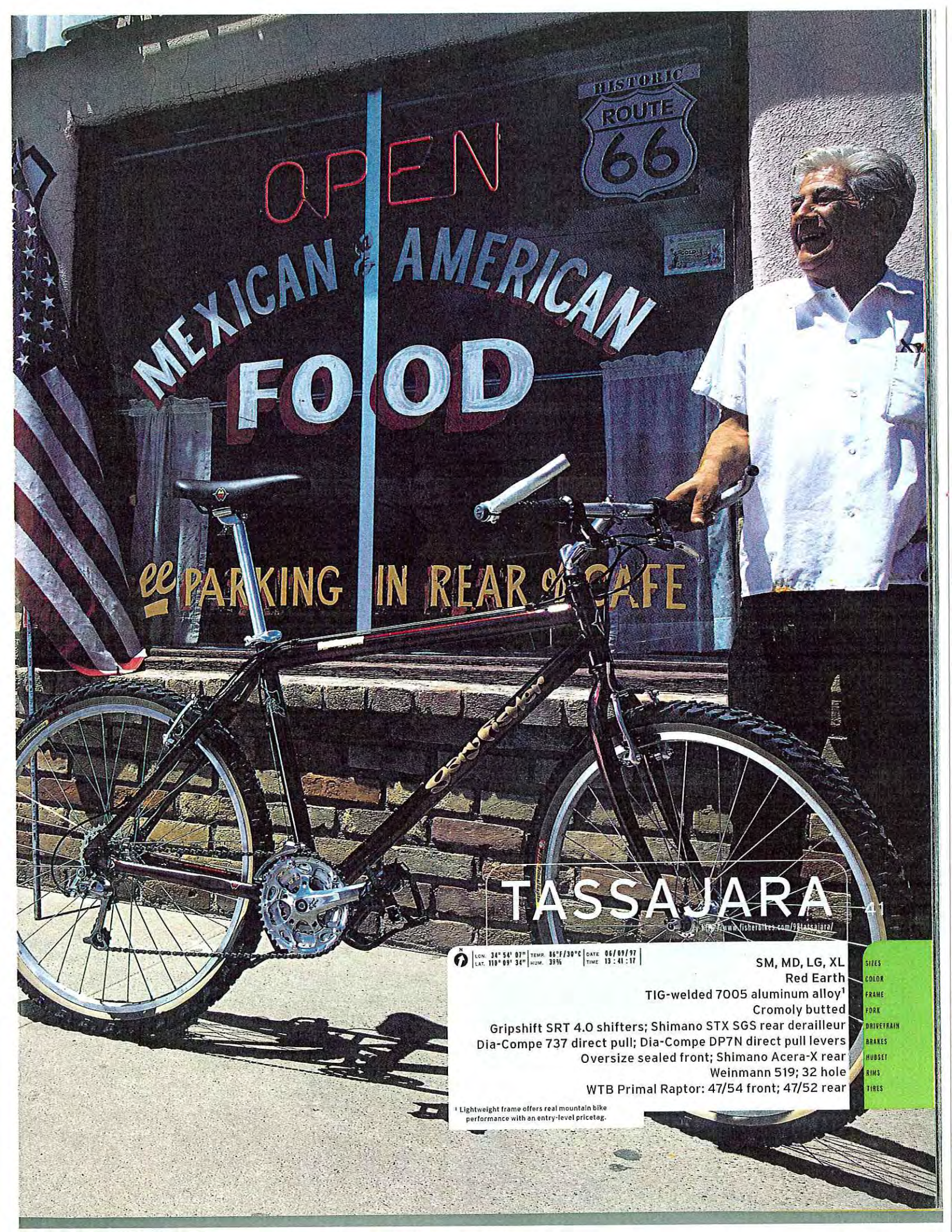
KAITAI

http://www.fisherbikes.com/98kaitai/

SIZES	XS, SM, MD, LG, XL
COLOR	Acid Tangerine
FRAME	TIG-welded 6061 T6 aluminum alloy
FORK	Manitou Spyder[1]; 70mm travel
DRIVETRAIN	Shimano STX Rapidfire+ 7-speed shifters; LX SGS rear derailleur[2]
BRAKES	Dia-Compe 737 direct pull; Dia-Compe DP7N direct pull levers
HUBSET	Oversize suspension front; Shimano Alivio rear
RIMS	Bontrager Maverick: 32 hole front; ASYM 32 hole rear
TIRES	WTB Primal Raptor: 2.1 front; 44/50 rear

LON. 34° 54' 07" | LAT. 110° 09' 34" | TEMP. 66°F/19°C | HUM. 73% | DATE 06/07/97 | TIME 09:42:09

[1] Performance features at an entry-level price.
[2] Lightweight and durable shifting standard.
! Photo Pho Paw – Actual spec on this bike: LX SGS rear derailleur



TASSAJARA

http://www.fisherbikes.com/gt/tassajara/

N | LON. 34° 54' 07" | LAT. 110° 09' 34" | TEMP. 86°F/30°C | HUM. 39% | DATE 06/09/97 | TIME 13:41:17

SIZES	SM, MD, LG, XL
COLOR	Red Earth
FRAME	TIG-welded 7005 aluminum alloy[1]
FORK	Cromoly butted
DRIVETRAIN	Gripshift SRT 4.0 shifters; Shimano STX SGS rear derailleur
BRAKES	Dia-Compe 737 direct pull; Dia-Compe DP7N direct pull levers
HUBSET	Oversize sealed front; Shimano Acera-X rear
RIMS	Weinmann 519; 32 hole
TIRES	WTB Primal Raptor: 47/54 front; 47/52 rear

[1] Lightweight frame offers real mountain bike performance with an entry-level pricetag.

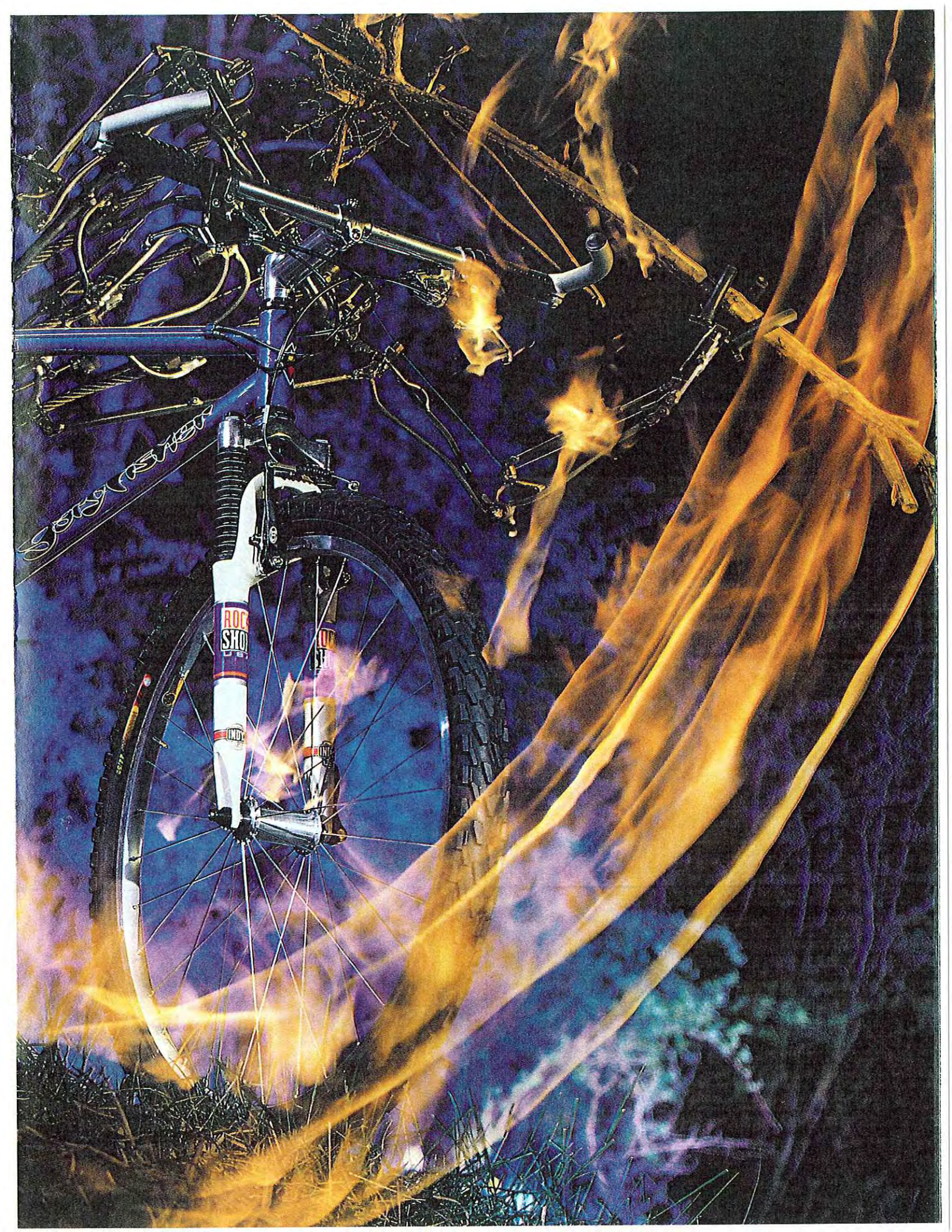
HOO KOO E KOO

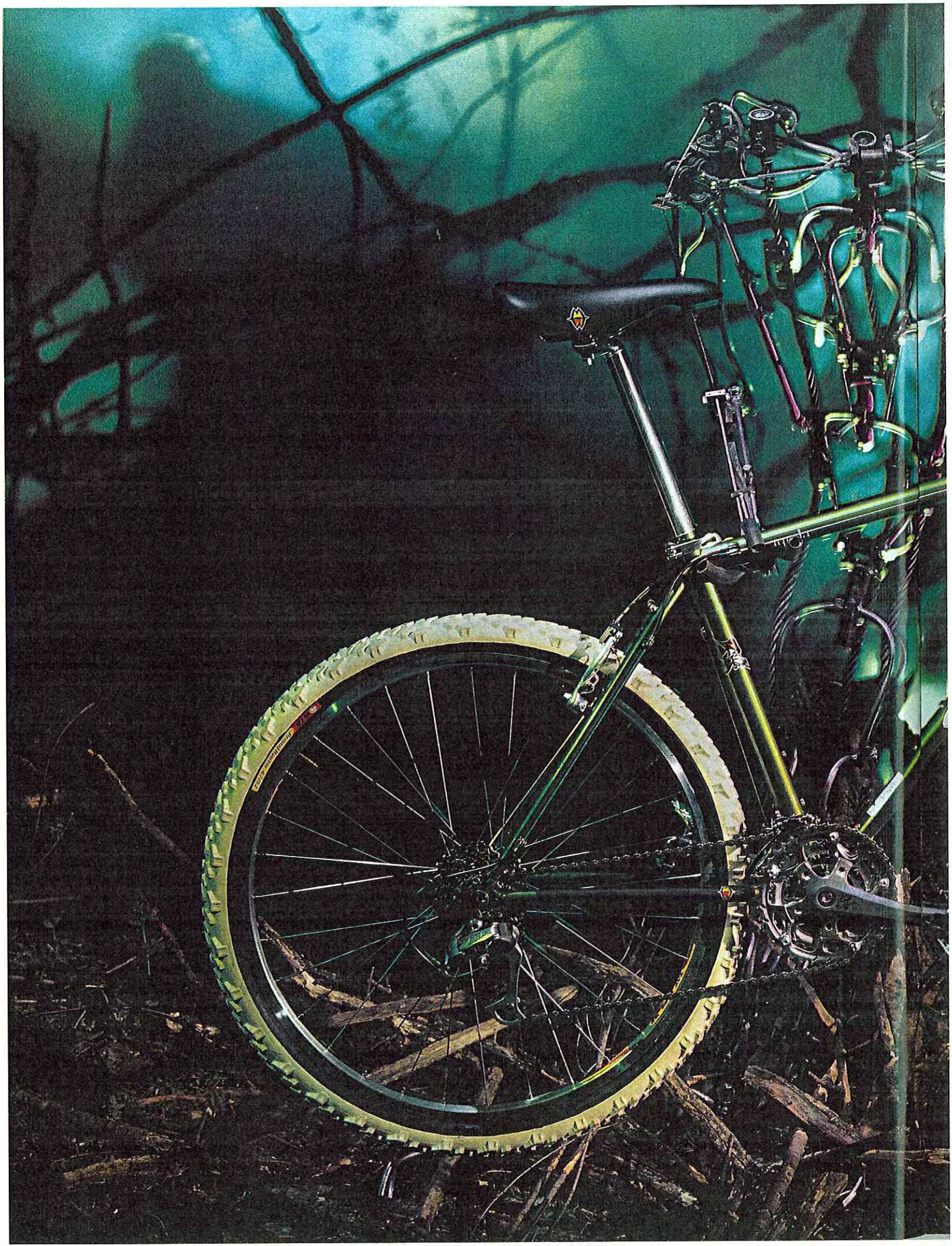
http://www.fisherbikes.com/98hookooekoo/

LON. 42° 09' 32" | TEMP. 45°F/07°C | DATE 05/13/97
LAT. 088° 10' 53" | HUM. 55% | TIME 23:24:05

SIZES	XS, SM, MD, LG, XL
COLOR	Sapphire Blue; Lime Green
FRAME	TIG-welded True Temper triple butted cromoly[1]
FORK	Rock Shox Indy XC; 63mm travel
DRIVETRAIN	Shimano STX-RC Rapidfire+ 8-speed shifters with OGD; XT SGS rear derailleur
BRAKES	Avid 10 direct pull; Avid 1.0 direct pull levers
HUBSET	Fisher Ginzu Team front; Shimano STX-RC rear
RIMS	Bontrager Maverick: 28 hole front[2]; ASYM 32 hole rear
TIRES	WTB Velociraptor: 2.1 front; 44/50 rear

[1] A modern frame with traditional Fisher feel.
[2] Radially laced front wheel is lighter and stronger than a conventional wheel.
! Photo Pho Paws – Actual spec on this bike: XT SGS rear derailleur; Icon clipless pedals





AQUILA
http://www.fisherbikes.com/98aquila/
47
LON. 42° 09' 32" LAT. 088° 10' 50"
TEMP. 35°F/03°C HUM. 23%
DATE 05/16/97 TIME 00:14:27
XS, SM, MD, LG, XL
Bright Green
TIG-welded double butted cromoly mains; cromoly rear triangle
Rock Shox Indy S[1]; 50mm travel
Shimano STX-RC Rapidfire+ 8-speed[2]
Dia-Compe 737 direct pull; Dia-Compe DP7N direct pull levers
Oversize sealed front; Shimano STX-RC rear
Bontrager Maverick: 32 hole front; ASYM 32 hole rear
WTB Primal Raptor: 2.1 front; 47/52 rear
SIZES
COLOR
FRAME
FORK
DRIVETRAIN
BRAKES
HEADSET
RIMS
TIRES
[1] One-piece lowers provide same steering precision as premium price Fisher hardtails.
[2] Always the right gear for any given situation.
! Photo Pho Paw – Actual spec on this bike: STX-RC rear derailleur

MARLIN

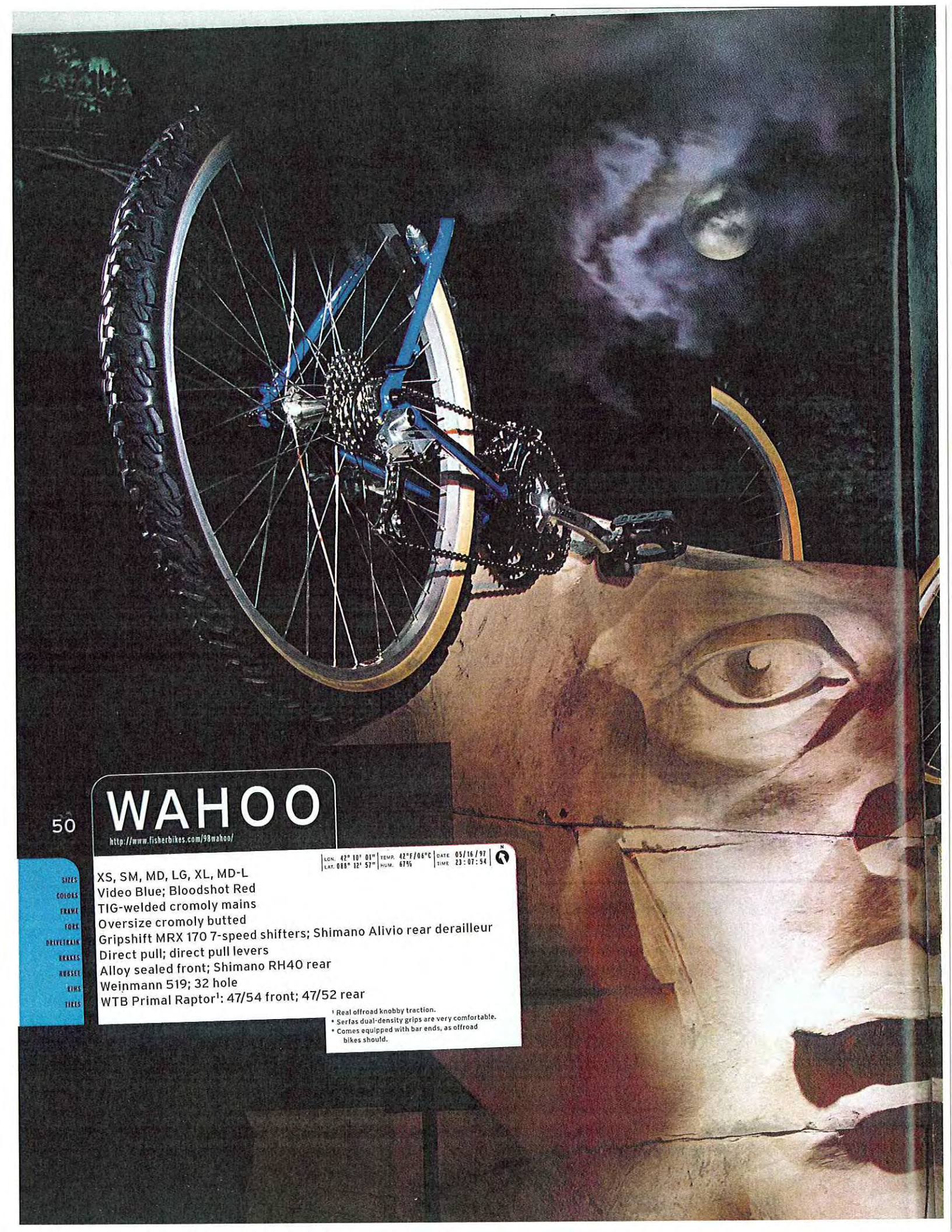
http://www.fisherbikes.com/93marlin/

48

SIZES	XS, SM, MD, LG, XL
COLOR	Team Yellow; Ballistic Blue
FRAME	TIG-welded double butted cromoly mains; cromoly rear triangle
FORK	Oversize cromoly butted
DRIVETRAIN	Gripshift SRT 4.0 7-speed shifters; Shimano STX SGS rear derailleur[1]
BRAKES	Dia-Compe 737 direct pull[2]; DP7N direct pull levers
HUBSET	Alloy sealed front; Shimano Acera rear
RIMS	Weinmann 519; 32 hole
TIRES	WTB Primal Raptor: 47/54 front; 47/52 rear

LON. 42° 09' 30" LAT. 088° 10' 52" | TEMP. 45°F/07°C HUM. 55% | DATE 05/13/97 TIME 23:24:05

[1] Tried-and-true Shimano shifting performance.
[2] Safe, reliable, super-stopping brand-name brakes.



WAHOO

http://www.fisherbikes.com/98wahoo/

LON.	42° 10' 01"	TEMP.	42°F/06°C	DATE	05/16/97
LAT.	088° 12' 57"	HUM.	67%	TIME	23:07:54

SIZES	XS, SM, MD, LG, XL, MD-L
COLORS	Video Blue; Bloodshot Red
FRAME	TIG-welded cromoly mains
FORK	Oversize cromoly butted
DRIVETRAIN	Gripshift MRX 170 7-speed shifters; Shimano Alivio rear derailleur
BRAKES	Direct pull; direct pull levers
HUBSET	Alloy sealed front; Shimano RH40 rear
RIMS	Weinmann 519; 32 hole
TIRES	WTB Primal Raptor[1]: 47/54 front; 47/52 rear

[1] Real offroad knobby traction.
* Serfas dual-density grips are very comfortable.
* Comes equipped with bar ends, as offroad bikes should.

Gary Fisher

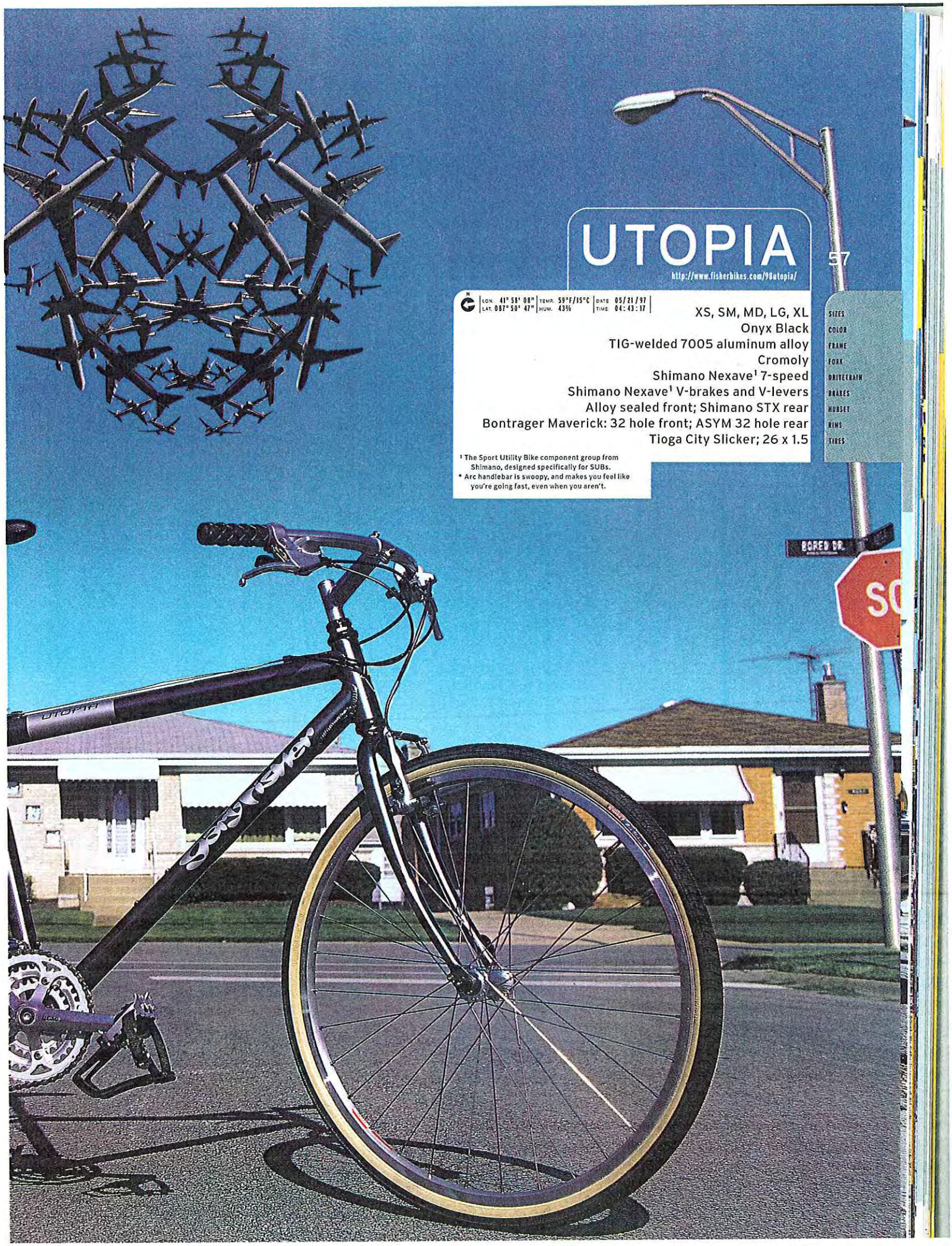
GITCHE GUMEE

http://www.fisherbikes.com/98gitchegumee/

LON. 42° 09' 30" | LAT. 088° 10' 59" | TEMP. 45°F/07°C | HUM. 55% | DATE 05/13/97 | TIME 23:24:05

SIZES — XS, SM, MD, LG, XL, MD-L
COLORS — Onyx Black; Orange Peel
FRAME — TIG-welded mains; cromoly seat tube
FORK — High tensile steel
DRIVETRAIN — Gripshift ESP 5.0[1] 7-speed
BRAKES — Direct pull[2]; direct pull levers
HUBSET — Alloy sealed front; Shimano RH40 rear
RIMS — Weinmann 519; 32 hole
TIRES — Knobby style black side and tread; 2.0

[1] Same integrated ESP functioning, available at a much kinder price.
[2] Even entry-level bikes deserve the best braking.
[3] Fisher dual-density saddle for the most comfort where you sit.
[!] Photo Pho Paw – Actual spec on this bike: Direct pull brakes and levers



UTOPIA

http://www.fisherbikes.com/98utopia/

LON.	41° 58' 08"
LAT.	087° 50' 47"
TEMP.	59°F/15°C
HUM.	43%
DATE	05/21/97
TIME	04:43:17

SIZES	XS, SM, MD, LG, XL
COLOR	Onyx Black
FRAME	TIG-welded 7005 aluminum alloy
FORK	Cromoly
DRIVETRAIN	Shimano Nexave[1] 7-speed
BRAKES	Shimano Nexave[1] V-brakes and V-levers
HUBSET	Alloy sealed front; Shimano STX rear
RIMS	Bontrager Maverick: 32 hole front; ASYM 32 hole rear
TIRES	Tioga City Slicker; 26 x 1.5

[1] The Sport Utility Bike component group from Shimano, designed specifically for SUBs.

* Arc handlebar is swoopy, and makes you feel like you're going fast, even when you aren't.

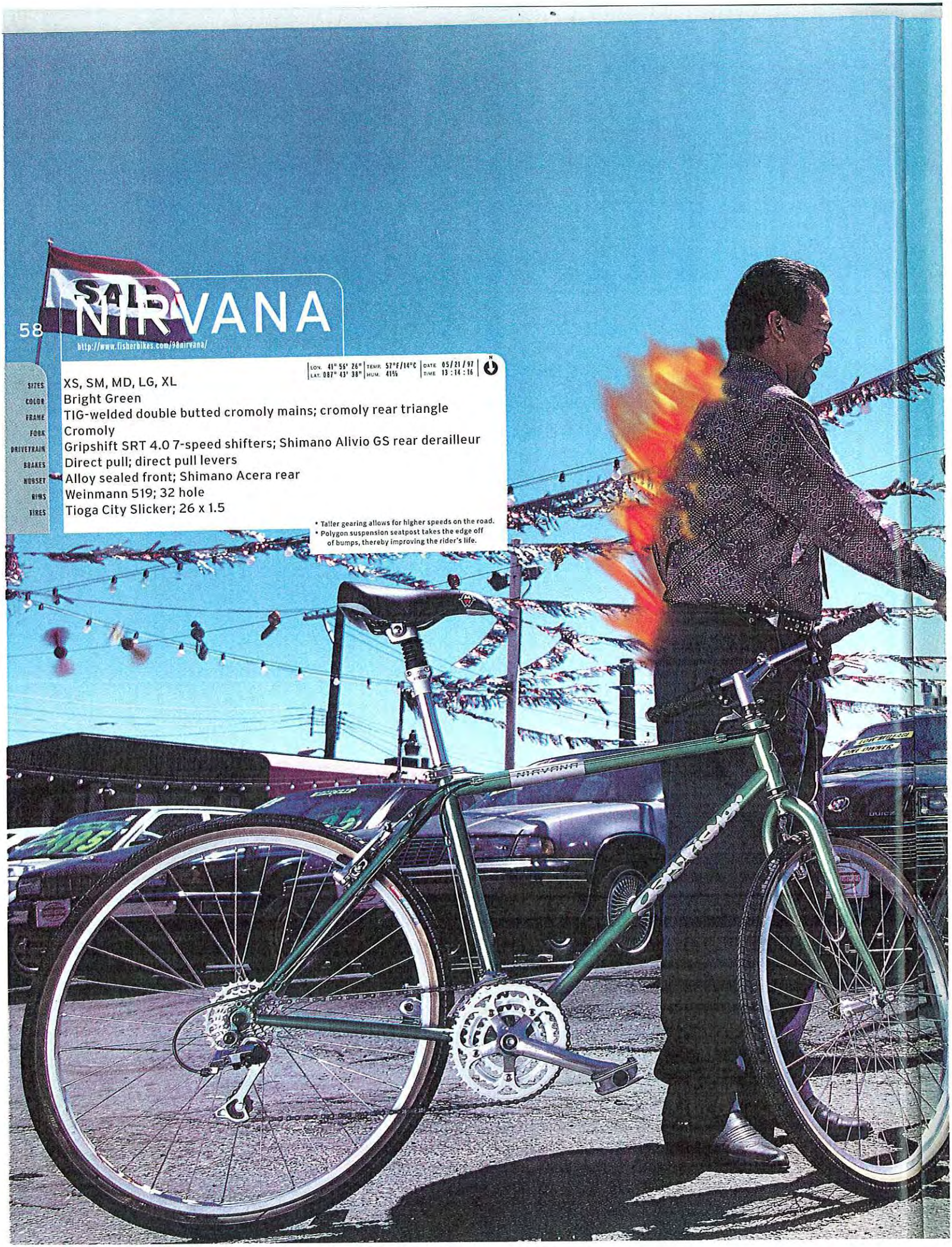
SAL NIRVANA

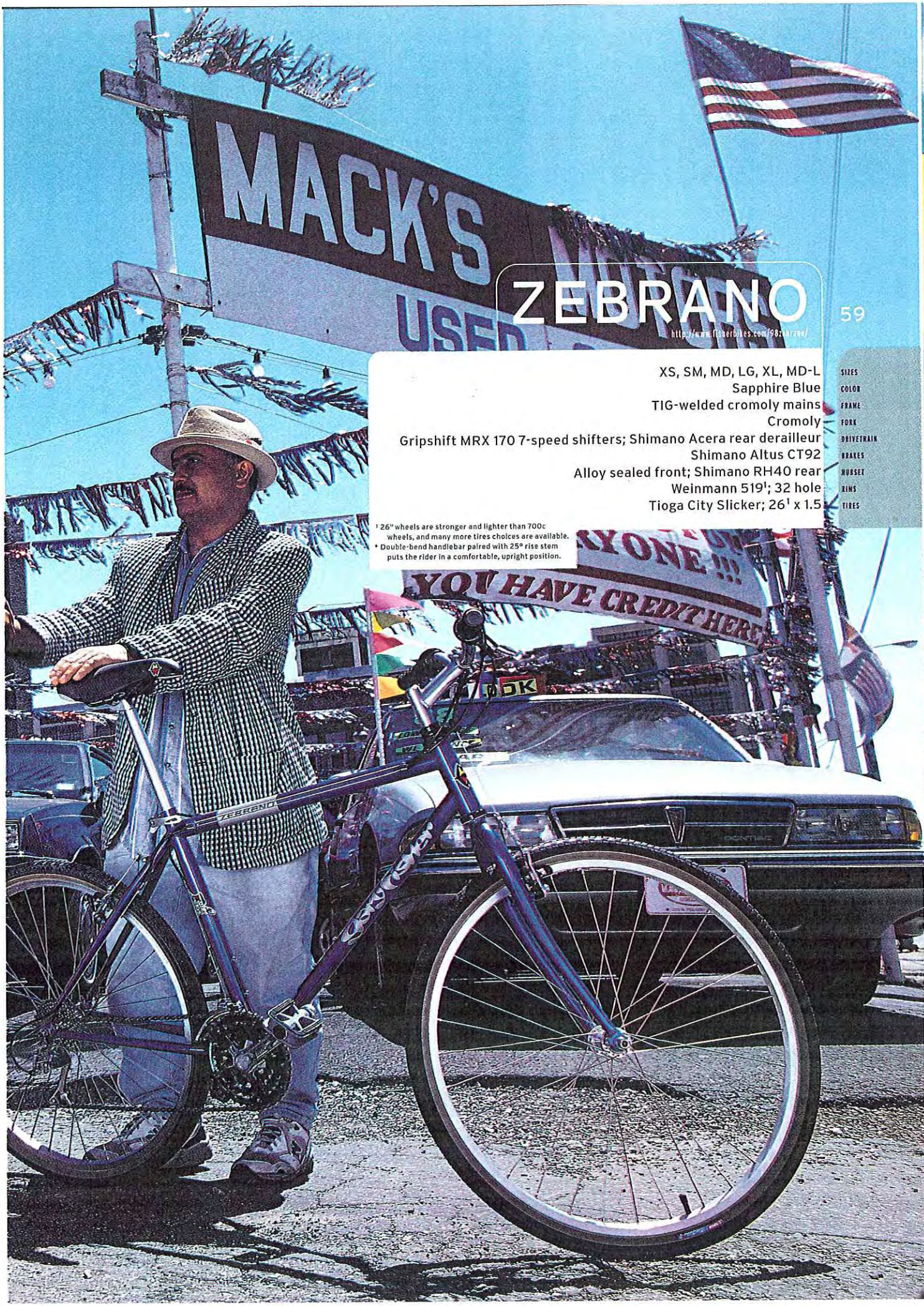
http://www.fisherbikes.com/98nirvana/

LON. 41° 56' 26" | LAT. 087° 43' 38" | TEMP. 57°F/14°C | HUM. 41% | DATE 05/21/97 | TIME 13:14:16 | N

SIZES	XS, SM, MD, LG, XL
COLOR	Bright Green
FRAME	TIG-welded double butted cromoly mains; cromoly rear triangle
FORK	Cromoly
DRIVETRAIN	Gripshift SRT 4.0 7-speed shifters; Shimano Alivio GS rear derailleur
BRAKES	Direct pull; direct pull levers
HUBSET	Alloy sealed front; Shimano Acera rear
RIMS	Weinmann 519; 32 hole
TIRES	Tioga City Slicker; 26 x 1.5

- Taller gearing allows for higher speeds on the road.
- Polygon suspension seatpost takes the edge off of bumps, thereby improving the rider's life.





ZEBRANO

59

http://www.fisherbikes.com/98zebrano/

SIZES	XS, SM, MD, LG, XL, MD-L
COLOR	Sapphire Blue
FRAME	TIG-welded cromoly mains
FORK	Cromoly
DRIVETRAIN	Gripshift MRX 170 7-speed shifters; Shimano Acera rear derailleur
BRAKES	Shimano Altus CT92
HUBSET	Alloy sealed front; Shimano RH40 rear
RIMS	Weinmann 519[1]; 32 hole
TIRES	Tioga City Slicker; 26[1] x 1.5

[1] 26" wheels are stronger and lighter than 700c wheels, and many more tires choices are available.
* Double-bend handlebar paired with 25° rise stem puts the rider in a comfortable, upright position.

MT JAM

SIZES	11.5" frame; 24" wheels
COLOR	Chrome
FRAME	TIG-welded steel
FORK	RST 261 coil spring/elastomer; 50mm travel
DRIVETRAIN	Gripshift MRX 170 6-speed shifters; Shimano Tourney rear derailleur
BRAKES	Direct pull; direct pull levers
HUBSET	Nutted axle front; Sealed nutted axle rear
RIMS	Weinmann 519 alloy; 32 hole
TIRES	Blackwall knobby; 24 x 1.95

LON. 34° 58' 06" | LAT. 110° 25' 51" | TEMP. 89°F/32°C | HUM. 45% | DATE 06/08/97 | TIME 12 : 57 : 46

! Photo Pho Paw – Actual spec on this bike: Direct pull brakes and levers

TYRO

http://www.fisherbikes.com/98tyro/

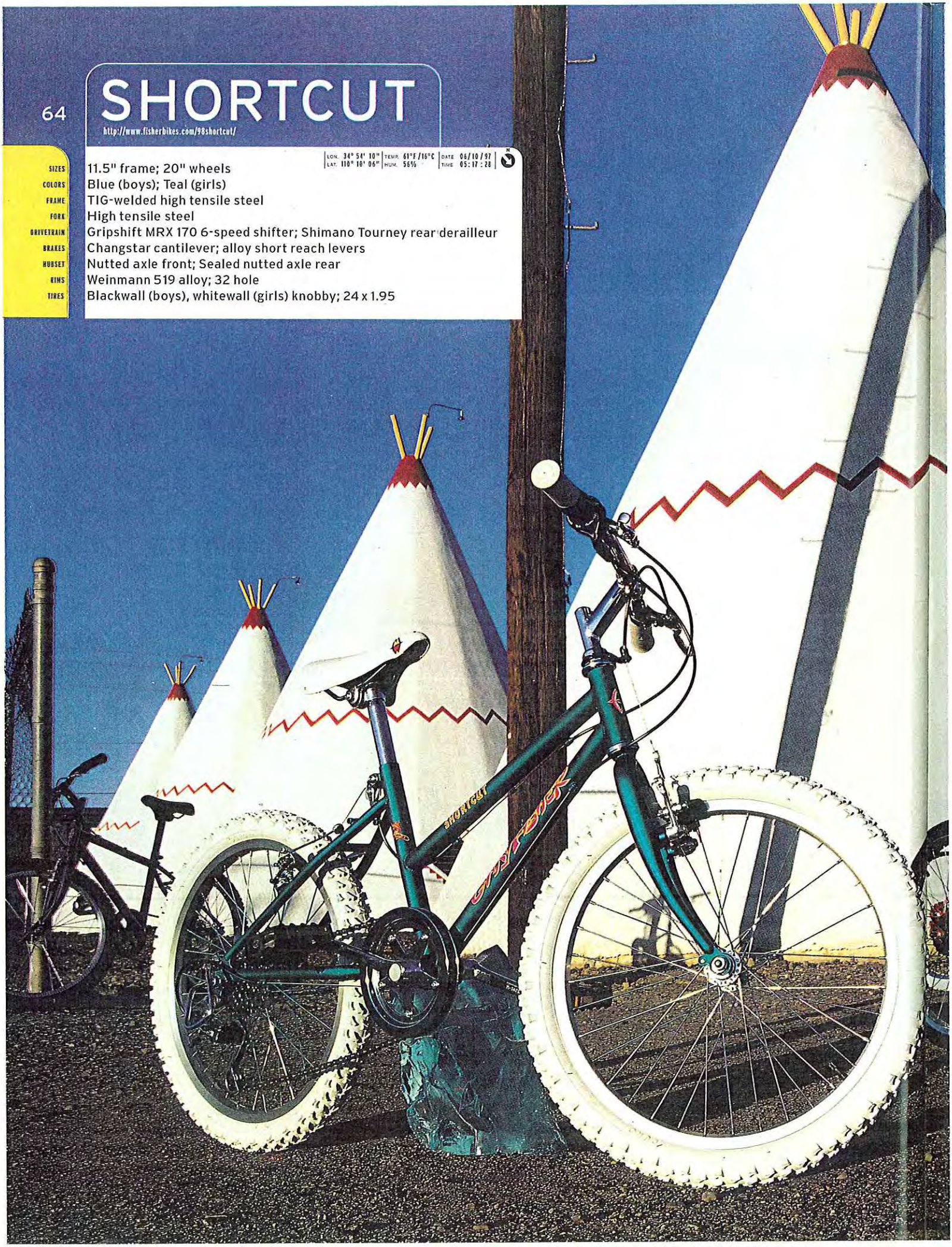
SIZES	11.5" frame; 24" wheels
COLORS	Red (boys); Light Purple (girls)
FRAME	TIG-welded steel
FORK	High tensile steel
DRIVETRAIN	Gripshift MRX 170 6-speed shifters; Shimano Tourney rear derailleur
BRAKES	Direct pull; direct pull levers
HUBSET	Nutted axle front; Sealed nutted axle rear
RIMS	Weinmann 519 alloy; 32 hole
TIRES	Blackwall knobby; 24 x 1.95

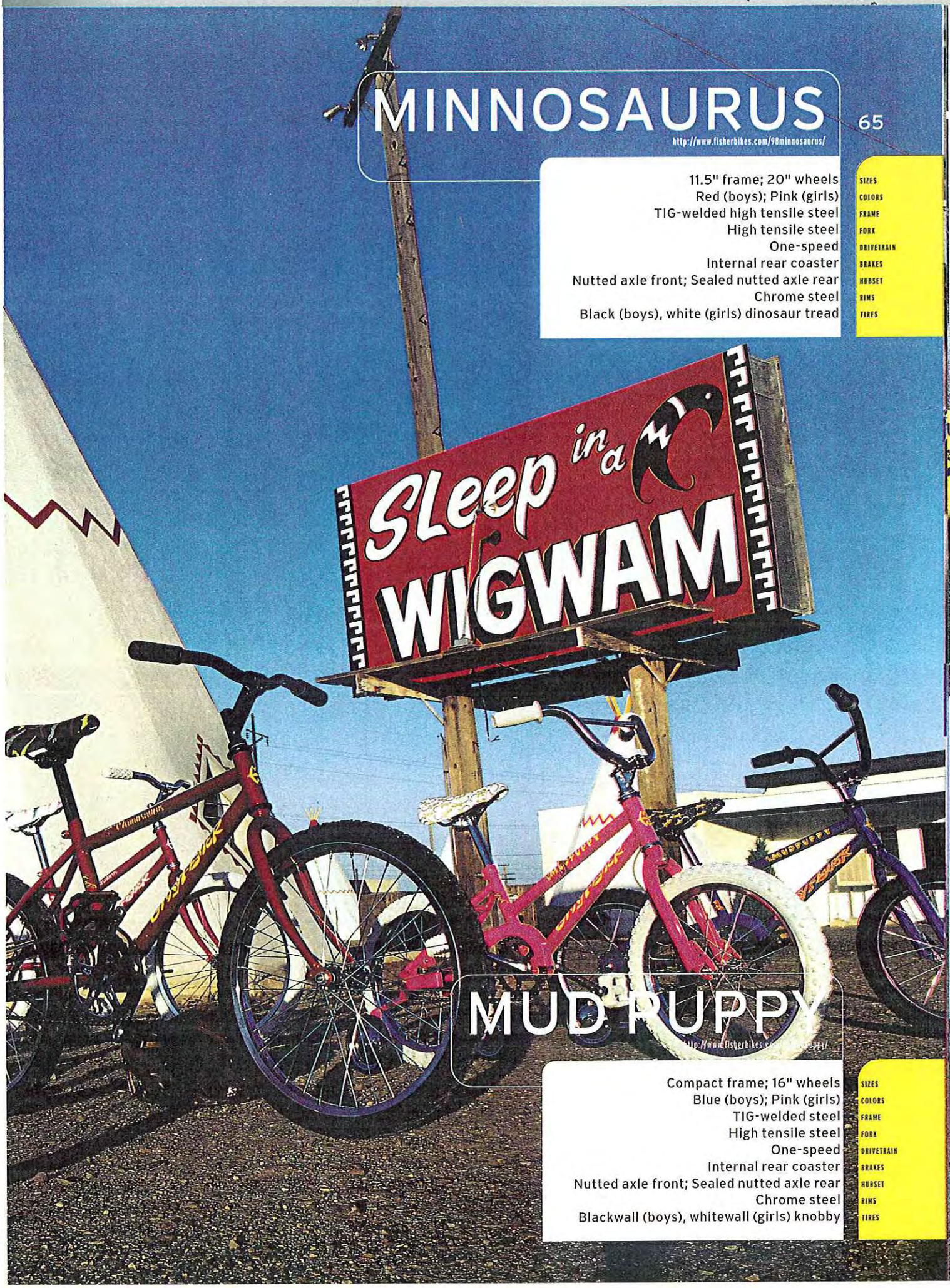
! Photo Pho Paw – Actual spec on this bike: Direct pull brakes and levers

SHORTCUT

http://www.fisherbikes.com/98shortcut/

SIZES	11.5" frame; 20" wheels
COLORS	Blue (boys); Teal (girls)
FRAME	TIG-welded high tensile steel
FORK	High tensile steel
DRIVETRAIN	Gripshift MRX 170 6-speed shifter; Shimano Tourney rear derailleur
BRAKES	Changstar cantilever; alloy short reach levers
HUBSET	Nutted axle front; Sealed nutted axle rear
RIMS	Weinmann 519 alloy; 32 hole
TIRES	Blackwall (boys), whitewall (girls) knobby; 24 x 1.95





MINNOSAURUS

http://www.fisherbikes.com/98minnosaurus/

SIZES	11.5" frame; 20" wheels
COLORS	Red (boys); Pink (girls)
FRAME	TIG-welded high tensile steel
FORK	High tensile steel
DRIVETRAIN	One-speed
BRAKES	Internal rear coaster
HUBSET	Nutted axle front; Sealed nutted axle rear
RIMS	Chrome steel
TIRES	Black (boys), white (girls) dinosaur tread

MUD PUPPY

SIZES	Compact frame; 16" wheels
COLORS	Blue (boys); Pink (girls)
FRAME	TIG-welded steel
FORK	High tensile steel
DRIVETRAIN	One-speed
BRAKES	Internal rear coaster
HUBSET	Nutted axle front; Sealed nutted axle rear
RIMS	Chrome steel
TIRES	Blackwall (boys), whitewall (girls) knobby

	EM/FA SIZE
SO	STANDOVER
TT	EFFECTIVE TOP TUBE
CP	COCKPIT
MIN CP	MINIMUM COCKPIT
MAX CP	MAXIMUM COCKPIT
SL	STEM LENGTH
CL	CRANK LENGTH
HTL	HEADTUBE LENGTH
HA	HEAD ANGLE
STA	SEATTUBE ANGLE
CSL	CHAINSTAY LENGTH
BBH	BOTTOM BRACKET HEIGHT
BBD	BOTTOM BRACKET DROP
WB	WHEELBASE
CT	CENTER TO TOP
I	INSEAM RANGE

Exact Muscle / Frame Association

The vertical distance from the ground to the point on the top tube where you straddle the bike.
You need plenty of clearance to be able to control the bike in all terrain.

The horizontal measure from the center of the headset to the center of the seatpost.
The most important measurement when buying a bike, because it cannot be changed.

The horizontal measure from the center of the handlebar to the center of the seatpost.
This is where you spend your time. (The next two measurements show how it can be adjusted.)

The shortest the cockpit can be made by changing the stem to the shortest one available.

The longest the cockpit can be made by changing the stem to one which is 30mm longer than original - the maximum that we recommend to retain optimum handling.

The original stem measured from the center of the steerer tube to the center of the handlebar.

The distance from the center of the bottom bracket to the center of the pedal axle.
A rider with long legs can benefit from longer cranks.

The distance between the upper and lower headset.
Effects how high your handlebar is relative to your saddle.

The angle of headtube to the ground.
Tailored to optimize steering precision on each frame size.

The angle of seattube to the ground.
Tailored to optimize power transmission on each frame size.

The distance from the center of the bottom bracket to the center on the rear axle.

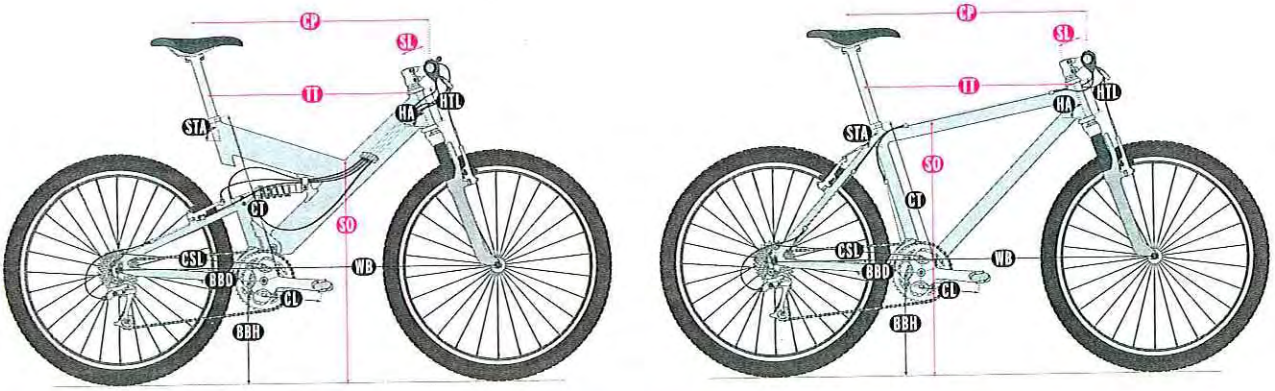
The vertical distance from the center of the bottom bracket to the ground.
Expresses clearance of the frame over obstacles.

The vertical distance the bottom bracket is below an imaginary horizontal line drawn through the axles.
The greater the bottom bracket drop, the lower the rider's center of gravity.

The distance between the axles.
Tailored to optimize weight distribution on each frame size.

The distance from the center of the bottom bracket to the top of the seat tube.
Because some people still feel they need to know.

If your inseam is within this range, this size of bike should fit you.



GENESIS GEOMETRY

EM/FA SIZE		GENESIS JOSHUAS SM	GENESIS JOSHUAS MD	GENESIS JOSHUAS LG	GENESIS LEVEL BETTYS SM	GENESIS LEVEL BETTYS MD	GENESIS LEVEL BETTYS LG	GENESIS ALUMINUM HARDTAILS XS	GENESIS ALUMINUM HARDTAILS SM	GENESIS ALUMINUM HARDTAILS MD	GENESIS ALUMINUM HARDTAILS LG	GENESIS ALUMINUM HARDTAILS XL	EM/FA SIZE
SO	(")	25.67	25.67	25.67	25.98	25.98	25.98	25.91	27.57	29.17	30.20	31.88	SO (")
TT	(")	22.71	23.90	25.51	22.71	23.90	25.51	21.70	22.90	23.94	24.72	25.47	TT (")
CP	(")	24.05	26.43	28.62	24.00	25.80	27.99	23.03	24.84	26.49	27.85	28.60	CP (")
MIN CP	(")	24.05	25.27	27.46	24.00	25.22	27.41	23.03	24.26	25.32	26.68	27.15	MIN CP (")
MAX CP	(")	25.22	27.15	29.29	25.17	26.57	28.71	24.20	26.00	27.21	28.51	29.26	MAX CP (")
SL	(MM)	60.00	90.00	105.00	60.00	75.00	90.00	60.00	75.00	90.00	105.00	105.00	SL (MM)
CL	(MM)	170.00	175.00	175.00*	170.00	175.00	175.00	170.00	175.00	175.00	175.00	175.00*	CL (MM)
HTL	(MM)	115.00	115.00	125.00	115.00	115.00	125.00	90.00	90.00	105.00	125.00	145.00	HTL (MM)
HA	(°)	70.50	71.00	71.00	69.50	70.00	70.00	70.34	70.84	71.34	71.34	71.34	HA (°)
STA	(°)	74.00	73.50	73.00	73.00	72.50	72.00	74.34	73.84	73.84	73.34	72.84	STA (°)
CSL	(MM)	412.00	412.00	412.00	412.00	412.00	412.00	412.00	412.00	412.00	412.00	412.00	CSL (MM)
BBH	(MM)	305.90	305.90	305.90	307.00	307.00	307.00	288.14	293.24	293.24	293.24	293.24	BBH (MM)
BBD	(MM)	27.10	27.10	27.10	26.00	26.00	26.00	44.86	39.76	39.76	39.76	39.76	BBD (MM)
WB	(MM)	1,058.00	1,078.00	1,115.00	1,062.00	1,084.00	1,121.00	1,031.48	1,060.88	1,075.88	1,091.38	1,107.88	WB (MM)
CT	(")	16.00	18.00	21.00	16.00	18.00	21.00	13.07	15.57	17.57	19.07	21.07	CT (")
I	(")	27.67 - 33.32	27.67 - 35.33	27.67 - 37.69	27.98 - 33.63	27.98 - 35.64	27.98 - 38.00	26.91 - 30.41	29.57 - 32.07	31.17 - 34.10	32.20 - 36.12	33.88 - 38.78	I (")

* Cranks on LG Joshua ZØ and XL Supercaliber are 177.50mm long.

CLASSIC GEOMETRY

ALUMINUM HARDTAIL: KAITAI

EM/FA SIZE		XS	SM	MD	LG	XL
STANDOVER	(")	24.98	26.62	28.24	29.41	30.98
EFFECTIVE TOP TUBE	(")	21.06	21.80	22.37	22.97	23.53
COCKPIT LENGTH	(")	23.51	24.82	25.99	27.16	27.71
MINIMUM COCKPIT	(")	22.37	23.11	23.71	24.88	25.21
MAXIMUM COCKPIT	(")	24.65	25.97	26.69	27.81	28.37
STEM LENGTH	(MM)	90.00	105.00	120.00	135.00	135.00
CRANK LENGTH	(MM)	170.00	175.00	175.00	175.00	175.00
HEADTUBE LENGTH	(MM)	90.00	90.00	105.00	125.00	145.00
HEAD ANGLE	(°)	70.79	70.79	71.29	71.29	71.29
SEATTUBE ANGLE	(°)	74.29	73.79	73.79	73.29	73.29
CHAINSTAY LENGTH	(MM)	412.00	412.00	412.00	412.00	412.00
BOTTOM BRACKET HEIGHT	(MM)	292.52	292.52	296.52	296.52	296.52
BOTTOM BRACKET DROP	(MM)	40.48	40.48	36.48	36.48	36.48
WHEELBASE	(MM)	1,014.30	1,028.30	1,040.50	1,051.40	1,066.20
CENTER TO TOP	(")	13.07	15.57	17.57	19.07	21.07
INSEAM RANGE	(")	25.98 → 29.48	28.62 → 31.12	30.24 → 33.17	31.41 → 35.33	32.98 → 37.88

ALUMINUM RIGID: TASSAJARA

EM/FA SIZE		XS	SM	MD	LG	XL
STANDOVER	(")	24.74	26.38	28.00	29.18	30.74
EFFECTIVE TOP TUBE	(")	21.06	21.80	22.37	22.97	23.53
COCKPIT LENGTH	(")	23.33	24.62	25.75	26.89	27.45
MINIMUM COCKPIT	(")	22.26	23.00	23.60	24.73	25.22
MAXIMUM COCKPIT	(")	24.41	25.70	26.70	27.82	28.38
STEM LENGTH	(MM)	90.00	105.00	120.00	135.00	135.00
CRANK LENGTH	(MM)	170.00	175.00	175.00	175.00	175.00
HEADTUBE LENGTH	(MM)	90.00	90.00	105.00	125.00	145.00
HEAD ANGLE	(°)	71.00	71.00	71.50	71.50	71.50
SEATTUBE ANGLE	(°)	74.50	74.00	74.00	73.50	73.50
CHAINSTAY LENGTH	(MM)	412.00	412.00	412.00	412.00	412.00
BOTTOM BRACKET HEIGHT	(MM)	291.00	291.00	295.00	295.00	295.00
BOTTOM BRACKET DROP	(MM)	42.00	42.00	38.00	38.00	38.00
WHEELBASE	(MM)	1,013.00	1,027.00	1,039.20	1,050.10	1,064.90
CENTER TO TOP	(")	13.07	15.57	17.57	19.07	21.07
INSEAM RANGE	(")	25.74 → 29.24	28.38 → 30.88	30.00 → 32.94	31.18 → 35.09	32.74 → 37.64

* Cranks on LG Joshua Z0 and XL Supercaliber are 177.50mm long.

STEEL HARDTAILS: HOO KOO E KOO: AQUILA

EM/FA SIZE		XS	SM	MD	LG	XL
STANDOVER	(")	25.83	28.74	29.86	30.86	31.85
EFFECTIVE TOP TUBE	(")	21.14	21.81	22.36	22.95	23.50
COCKPIT LENGTH	(")	23.64	24.90	26.06	27.23	27.78
MINIMUM COCKPIT	(")	22.48	23.16	23.73	24.90	25.18
MAXIMUM COCKPIT	(")	24.81	26.06	26.67	27.78	28.33
STEM LENGTH	(MM)	90.00	105.00	120.00	135.00	135.00
CRANK LENGTH	(MM)	170.00	175.00	175.00	175.00	175.00
HEADTUBE LENGTH	(MM)	85.00	85.00	105.00	125.00	145.00
HEAD ANGLE	(°)	70.48	70.59	71.09	71.09	71.09
SEATTUBE ANGLE	(°)	73.98	73.59	73.59	73.09	73.09
CHAINSTAY LENGTH	(MM)	420.00	420.00	420.00	420.00	420.00
BOTTOM BRACKET HEIGHT	(MM)	291.81	294.05	298.05	298.05	298.05
BOTTOM BRACKET DROP	(MM)	41.19	38.95	34.95	34.95	34.95
WHEELBASE	(MM)	1,015.66	1,028.51	1,040.31	1,051.31	1,066.01
CENTER TO TOP	(")	13.00	17.37	18.53	19.76	21.24
INSEAM RANGE	(")	26.83 → 30.33	30.74 → 33.24	31.86 → 34.80	32.86 → 36.78	33.85 → 38.76

STEEL RIGID: MARLIN: WAHOO: GITCHE GUMEE

EM/FA SIZE		XS	SM	MD	LG	XL	MD-L
STANDOVER	(")	25.20	28.35	29.50	30.50	31.70	23.55
EFFECTIVE TOP TUBE	(")	21.14	21.81	22.36	22.95	23.50	22.36
COCKPIT LENGTH	(")	23.39	24.63	25.74	26.87	27.42	24.58
MINIMUM COCKPIT	(")	22.31	23.01	23.58	24.71	25.20	24.38
MAXIMUM COCKPIT	(")	24.47	25.71	26.69	27.80	28.36	26.15
STEM LENGTH	(MM)	90.00	105.00	120.00	135.00	135.00	90.00
CRANK LENGTH	(MM)	170.00	170.00	170.00*	170.00*	170.00*	170.00
HEADTUBE LENGTH	(MM)	85.00	85.00	105.00	125.00	145.00	105.00
HEAD ANGLE	(°)	70.50	71.00	71.50	71.50	71.27	71.50
SEATTUBE ANGLE	(°)	74.50	74.00	74.00	73.50	73.50	74.00
CHAINSTAY LENGTH	(MM)	420.00	420.00	420.00	420.00	420.00	420.00
BOTTOM BRACKET HEIGHT	(MM)	288.00	291.00	295.00	295.00	295.00	295.00
BOTTOM BRACKET DROP	(MM)	45.00	42.00	38.00	38.00	38.00	38.00
WHEELBASE	(MM)	1,015.70	1,025.90	1,039.60	1,048.70	1,063.40	1,039.60
CENTER TO TOP	(")	13.00	17.12	18.33	19.58	21.08	18.33
INSEAM RANGE	(")	26.20 → 29.70	30.35 → 32.85	31.50 → 34.43	32.50 → 36.41	33.70 → 38.60	25.55 → 32.41

* Cranks on MD, LG, and XL Marlin are 175.00mm long.

ALUMINUM SPORT UTILITY BIKE: UTOPIA

EM/FA SIZE		XS	SM	MD	LG	XL
STANDOVER	(")	24.34	25.98	27.60	28.77	30.34
EFFECTIVE TOP TUBE	(")	21.06	21.80	22.37	22.97	23.53
COCKPIT LENGTH	(")	23.39	24.13	25.26	26.40	27.50
MINIMUM COCKPIT	(")	22.31	23.05	23.65	24.78	25.27
MAXIMUM COCKPIT	(")	24.46	25.21	26.22	27.35	28.43
STEM LENGTH	(MM)	90.00	90.00	105.00	120.00	135.00
CRANK LENGTH	(MM)	170.00	175.00	175.00	175.00	175.00
HEADTUBE LENGTH	(MM)	90.00	90.00	105.00	125.00	145.00
HEAD ANGLE	(°)	72.03	72.03	72.53	72.53	72.53
SEATTUBE ANGLE	(°)	75.53	75.03	75.03	74.53	74.53
CHAINSTAY LENGTH	(MM)	412.00	412.00	412.00	412.00	412.00
BOTTOM BRACKET HEIGHT	(MM)	283.38	283.38	287.38	287.38	287.38
BOTTOM BRACKET DROP	(MM)	49.62	49.62	45.62	45.62	45.62
WHEELBASE	(MM)	1,006.48	1,020.48	1,032.68	1,043.58	1,058.38
CENTER TO TOP	(")	13.07	15.57	17.57	19.07	21.07
INSEAM RANGE	(")	25.34 → 28.84	27.98 → 30.48	29.60 → 32.53	30.77 → 34.69	32.34 → 37.24

STEEL SPORT UTILITY BIKES: NIRVANA: ZEBRANO

EM/FA SIZE		XS	SM	MD	LG	XL	MD-L
STANDOVER	(")	24.96	28.10	29.25	30.25	31.46	23.30
EFFECTIVE TOP TUBE	(")	21.14	21.81	22.36	22.95	23.50	22.36
COCKPIT LENGTH	(")	23.42	24.12	25.23	26.36	27.45	24.61
MINIMUM COCKPIT	(")	22.34	23.04	23.61	24.74	25.23	24.41
MAXIMUM COCKPIT	(")	24.50	25.20	26.19	27.31	23.39	26.18
STEM LENGTH	(MM)	90.00	90.00	105.00	120.00	135.00	90.00
CRANK LENGTH	(MM)	170.00	175.00*	175.00*	175.00*	175.00*	170.00
HEADTUBE LENGTH	(MM)	85.00	85.00	105.00	125.00	145.00	105.00
HEAD ANGLE	(°)	71.12	71.62	72.12	72.12	72.12	72.12
SEATTUBE ANGLE	(°)	75.12	74.62	74.62	74.12	74.12	74.62
CHAINSTAY LENGTH	(MM)	420.00	420.00	420.00	420.00	420.00	420.00
BOTTOM BRACKET HEIGHT	(MM)	283.43	286.43	290.43	290.43	290.43	290.43
BOTTOM BRACKET DROP	(MM)	49.57	46.57	42.57	42.57	42.57	42.57
WHEELBASE	(MM)	1,011.79	1,021.99	1,035.69	1,044.79	1,084.19	1,035.69
CENTER TO TOP	(")	13.00	17.10	18.33	19.58	21.08	18.33
INSEAM RANGE	(")	25.96 → 29.46	30.10 → 32.60	31.25 → 34.19	32.25 → 36.17	33.46 → 38.36	25.30 → 32.16

* Cranks on SM, MD, LG, and XL Zebrano are 170.00mm long.

FULL SUSPENSION

	JOSHUA Z0	JOSHUA Z1	JOSHUA X0	JOSHUA X1	LEVEL BETTY FH0	LEVEL BETTY FH1	LEVEL BETTY FH2
SIZES	SM, MD, LG	SM, MD, LG	SM, MD, LG	SM, MD, LG	SM, MD, LG	SM, MD, LG	SM, MD, LG
COLOR	Video Blue and Judy Yellow	Team Yellow and Team Red	Acid Tangerine and Midnight	Midnight and Cream	Wango Mango	Lime Green and Eggplant	Pearl Red and Pearl Gray
MAINFRAME	Side butted oval cross section 6061 T6 aluminum with Genesis geometry	Side butted oval cross section 6061 T6 aluminum with Genesis geometry	Side butted oval cross section 6061 T6 aluminum with Genesis geometry	Side butted oval cross section 6061 T6 aluminum, with Genesis geometry	Side butted oval cross section 6061 T6 aluminum with super long travel geometry	Side butted oval cross section 6061 T6 aluminum with super long travel geometry	Side butted oval cross section 6061 T6 aluminum with super long travel geometry
REAR TRIANGLE	6061 T6 aluminum; adjustable geometry	6061 T6 aluminum; adjustable geometry	6061 T6 aluminum; adjustable geometry	TIG-welded cromoly	6061 T6 aluminum; adjustable long travel geometry	6061 T6 aluminum; adjustable long travel geometry	6061 T6 aluminum; adjustable long travel geometry
FORK	Rock Shox Judy SL; alloy steerer; 80mm travel	Manitou Xvert single clamp; alloy steerer; 80mm travel	Rock Shox Judy TZ; alloy steerer; 80mm travel	Rock Shox Indy XC; 75mm travel	Manitou Xvert R; double clamp; twin piston chamber; 100mm travel	Rock Shox Judy XL; double clamp; 101mm travel	Rock Shox Judy XLC; double clamp; 100mm travel
REAR SHOCK	Rock Shox Coupe Deluxe SL with remote; 99mm travel	Rock Shox Coupe Deluxe with remote; 99mm travel	Rock Shox Coupe Deluxe with remote; 99mm travel	Rock Shox Deluxe; 99mm travel	Answer Afterburner; 132mm travel	Rock Shock Super Deluxe; 135mm travel	Rock Shox Deluxe coil over; 135mm travel
HEADSET	WTB OS Greaseguard Aheadset	WTB OS Greaseguard Aheadset	Dia-Compe STS OS Aheadset	Dia-Compe ST Aheadset	WTB OS Greaseguard Aheadset	Dia-Compe STS OS Aheadset	Dia-Compe STS OS Aheadset
BOTTOM BRACKET	Shimano UN72	Shimano UN52	Shimano UN52	Shimano LP27	Shimano UN72	Shimano UN52	Shimano UN52
CRANK	Sugino Mighty 900; hard anodized chainrings; 20/32/42	Sugino Mighty 700; hard anodized chainrings; 20/32/42	Sugino Impel 300A; 20/32/42	Sugino Impel 300; 42/32/20	Sugino Mighty 700; hard anodized chainrings; 22/32/44	Sugino Impel 300A; 20/32/42	Sugino Impel 300A; 20/32/42
PEDALS	Time ATAC clipless	Time ATAC clipless	Icon clipless	Alloy cage/resin body with Fisher toeclips	Time ATAC clipless	Icon clipless	Icon clipless
FRONT DERAILLEUR	Shimano XT	Shimano LX	Shimano STX	Shimano Alivio	Shimano LX	Shimano STX	Shimano Alivio
REAR DERAILLEUR	Shimano XTR SGS	Gripshift ESP 9.0SL	Shimano XT SGS	Shimano XT SGS	Gripshift ESP 9.0SL	Shimano XT SGS	Shimano Deore LX SGS
SHIFTER	Shimano XT; Rapidfire SL	Gripshift ESP 900SL	Shimano LX; Rapidfire SL	Shimano STX-RC; Rapidfire+; OGD	Gripshift ESP900SL	Shimano LX; Rapidfire SL separate	Shimano STX-RC; Rapidfire+; OGD
CASSETTE	Shimano XT; 8-speed IG; 11–30	Shimano HG70-1; 8-speed; 11–30	Shimano IG60; 8-speed; 11–30	Shimano IG60; 8-speed; 11–30	Shimano HG70-1; 8-speed; 11–30	Shimano IG60; 8-speed; 11–30	Shimano IG60; 8-speed; 11–30
CHAIN	Sachs PC61; 104 length	Sachs PC51; 104 length	Sachs PC41; 104 length	Sachs PC-41; 104 length	Sachs PC51; 104 length	Sachs PC41; 104 length	Sachs PC41; 104 length
FRONT HUB	Mavic Crossmax; 26 hole	WTB Greaseguard 1R; 28 hole; 6mm skewer	Fisher Ginzu Team; 28 hole radial; 6mm skewer	Fisher Ginzu Team; 28 hole; 6mm skewer	Hügi/Hayes sealed bearing disc brake hub; 32 hole	Hayes-compatible disc brake hub; 32 hole	Fisher Ginzu Team; 32 hole
REAR HUB	Mavic Crossmax; 28 hole	Shimano XT; 32 hole	Shimano STX-RC; 32 hole	Shimano STX-RC; 32 hole	Hügi/Hayes rear disc brake free hub; 32 hole	Shimano STX-RC; 32 hole	Shimano STX-RC; 32 hole
SPOKES	Straight pull 14/15G butted stainless steel; alloy nipples	DT 15/16G butted stainless steel	DT 15G stainless steel	DT 15G stainless steel	DT 14/15 butted	DT 14/15 butted	DT 14/15G butted stainless steel
FRONT RIM	Mavic Crossmax; 26 hole	Bontrager Valiant; 28 hole	Bontrager Maverick; 28 hole radial	Bontrager Maverick; 28 hole	Bontrager Mustang ASYM; 32 hole	Bontrager Mustang ASYM; 32 hole	Bontrager Maverick; 32 hole
REAR RIM	Mavic Crossmax; 28 hole	Bontrager Mustang ASYM; 32 hole	Bontrager Maverick ASYM; 32 hole	Bontrager Maverick ASYM; 32 hole	Bontrager Maverick ASYM; 32 hole	Bontrager Mustang ASYM; 32 hole; ceramic	Bontrager Maverick ASYM; 32 hole
FRONT TIRE	WTB Velociraptor; Kevlar; 2.1; 60 tpi	WTB Velociraptor; Kevlar; 2.1; 60 tpi	WTB Velociraptor; Kevlar; 2.1; 60 tpi	WTB Velociraptor; 2.1; 60 tpi	WTB Tyranoraptor; folding bead; 52/54; 60 tpi	WTB Tyranoraptor; folding bead; 52/54; 60 tpi	WTB Tyranoraptor; 52/54; 60 tpi
REAR TIRE	WTB Velociraptor; Kevlar; 44/50; 60 tpi	WTB Velociraptor; Kevlar; 44/50; 60 tpi	WTB Velociraptor; Kevlar; 44/50; 60 tpi	WTB Velociraptor; 44/50; 60 tpi	WTB Tyranoraptor; folding bead; 52/54; 60 tpi	WTB Tyranoraptor; folding bead; 52/54; 60 tpi	WTB Tyranoraptor; 52/54; 60 tpi
REAR BRAKE	Shimano XT V-brake	Avid 20	Avid 10	Dia-Compe 737; direct pull	Hayes disc	Hayes disc	Dia-Compe 737; direct pull
FRONT BRAKE	Shimano XT V-brake	Avid 20	Avid 10	Dia-Compe 737; direct pull	Hayes disc	Avid 10	Dia-Compe 737; direct pull
BRAKE LEVERS	Shimano XT V-lever	Avid 1.9	Avid 1.0	Dia-Compe DP7N; direct pull; alloy/alloy; 2 finger	Hayes disc front and rear	Hayes disc front; Avid 1.0 rear	Dia-Compe DP7N; direct pull; alloy/alloy; 2 finger
HANDLEBAR	Bontrager race lite; 5° bend	Bontrager comp; 5° bend	Butted aluminum; 6° bend	Butted aluminum; 6° bend	Bontrager Crow Bar titanium; 7° bend	Bontrager Crow Bar; 7° bend	Bontrager Crow Bar; 7° bend
STEM	Bontrager Aheadstem	Bontrager Aheadstem	Aheadstem with Quick Change	Cold forged alloy Aheadstem with Quick Change	Bontrager Aheadstem	Bontrager Aheadstem	Cold forged alloy with Quick Change
GRIP	Fisher dual density	Fisher dual density	Fisher dual density	Fisher dual density	Fisher dual density	Fisher dual density	Fisher dual density
BAR END	Batter Fried Fish Fins; 120gm	Batter Fried Fish Fins; 120gm	Fish Sticks; 125gm	Fish Sticks; 125gm			
SADDLE	WTB SSTX; titanium rail; perforated leather/Kevlar sides	WTB SSTX; cromoly rail; Kevlar sides	WTB SSTX	WTB SSTX	Titec Berzerkr; titanium rails; leather	Titec Berzerkr; cromoly rails	Titec Berzerkr; cromoly rails
SEATPOST	Thomson Elite; 220gm	Bontrager comp	Alloy micro-adjust	Aluminum alloy micro-adjust	Bontrager comp	Alloy micro-adjust	Alloy micro-adjust
ANYTHING ELSE?	Remote rear damping adjuster; Replaceable derailleur hanger; 2 waterbottle bosses	Remote rear damping adjuster; Replaceable derailleur hanger; 2 waterbottle bosses	Remote rear damping adjuster; Replaceable derailleur hanger; 2 waterbottle bosses	2 waterbottle bosses	Replaceable derailleur hanger; 2 waterbottle bosses	Replaceable derailleur hanger; 2 waterbottle bosses	Replaceable derailleur hanger; 2 waterbottle bosses

ALUMINUM

	SUPERCALIBER	MT TAN	ZIGGURAT	PARAGON	BIG SUR	KAITAI	TASSAJARA
SIZES	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL
COLOR	Video Blue and Lime Green	Wango Mango	Team Fade: Red and Yellow	Midnight	Acid Yellow	Acid Tangerine	Red Earth
MAINFRAME	Fisher Genesis double butted Easton ProGram 6061 T6 aluminum	Fisher Genesis double butted Easton ProGram 6061 T6 aluminum	Fisher Genesis double butted Easton ProGram 6061 T6 aluminum	Fisher Genesis double butted Easton ProGram 6061 T6 aluminum	Fisher Genesis double butted Easton ProGram 6061 T6 aluminum	TIG-welded 6061 T6 aluminum alloy	TIG-welded 7005 aluminum alloy
REAR TRIANGLE	Easton 6061 T6 aluminum	Easton 6061 T6 aluminum	Easton 6061 T6 aluminum	Easton 6061 T6 aluminum	Easton 6061 T6 aluminum	TIG-welded 6061 T6 aluminum alloy	TIG-welded 7005 aluminum alloy
FORK	Rock Shox SID; 63mm travel	Manitou SXR; 70mm travel	Rock Shox Judy XC; alloy steerer; 65mm travel	Rock Shox Indy SL; alloy steerer; 63mm travel	Rock Shox Indy XC; 63mm travel	Manitou Spyder; 70mm travel	Cromoly butted
REAR SHOCK							
HEADSET	WTB OS Greaseguard Aheadset	WTB OS Greaseguard Aheadset	Dia-Compe SAS alloy Aheadset	Dia-Compe SAS alloy Aheadset	Dia-Compe STS OS Aheadset	Dia-Compe STS OS Aheadset	Oversize double sealed
BOTTOM BRACKET	Shimano UN72	Shimano UN52	Shimano UN52	Shimano UN52	Shimano UN52	Shimano LP27	Shimano LP27
CRANK	Sugino Mighty 900; hard anodized chainrings; 20/32/42	Sugino Mighty 700; hard anodized chainrings; 20/32/42	Sugino Mighty 700; hard anodized chainrings; 20/32/42	Sugino Mighty 500; 20/32/42	Sugino Mighty 350; 20/32/42	Sugino Impel 250; 22/32/42	Sugino Impel 250; 22/32/42
PEDALS	Time ATAC clipless	Icon clipless	Icon clipless	Icon clipless	Icon clipless	Alloy cage/resin body with Fisher toeclip	Resin with Fisher toeclip
FRONT DERAILLEUR	Shimano XT	Shimano LX	Shimano LX	Shimano LX	Shimano STX	Shimano Alivio	Shimano Alivio
REAR DERAILLEUR	Shimano XTR SGS	Shimano XTR SGS	Shimano XTR SGS	Shimano Deore XT SGS	Shimano XT SGS	Shimano LX SGS	Shimano STX SGS
SHIFTER	Shimano XT; Rapidfire SL	Shimano XT; Rapidfire SL	Shimano XT; Rapidfire SL	Shimano Deore LX; Rapidfire SL	Shimano STX-RC; Rapidfire+;OGD	Shimano STX; Rapidfire+	Gripshift SRT 4.0
CASSETTE	Shimano XT; 8-speed 16; 11–30	Shimano HG70-I; 8-speed; 11–30	Shimano HG70-I; 8-speed; 11–30	Shimano IG60; 8-speed; 11–30	Shimano IG60; 8-speed; 11–30	Shimano IG50; 7-speed; 11–30	Shimano IG50; 7-speed; 11–30
CHAIN	Sachs PC61; 104 length	Sachs PC41; 104 length	Sachs PC41; 104 length	Sachs PC41; 104 length	Sachs PC41; 104 length	Sachs PC21; 104 length	Sachs PC21; 104 length
FRONT HUB	Mavic Crossmax; 26 hole	Mavic Crossland; 26 hole	WTB Greaseguard IR; 28 hole; 6mm skewer	Fisher Ginzu Pro; 28 hole; 6mm skewer	Fisher Ginzu Team; 28 hole	Oversize suspension; 32 hole	Oversize sealed; 32 hole
REAR HUB	Mavic Crossmax; 28 hole	Mavic Crossland; 28 hole	Shimano XT; 32 hole	Shimano LX; 32 hole	Shimano STX-RC; 32 hole	Shimano Alivio; 32 hole	Shimano Acera-X; 32 hole
SPOKES	Straight pull 14/15G stainless steel; alloy nipples	Mavic Crossland	DT 15/16 butted stainless steel	DT 15/16 butted stainless steel	DT 15G stainless steel	DT 15G stainless steel	DT 15G stainless steel
FRONT RIM	Mavic Crossmax; 26 hole	Mavic Crossland; 26 hole	Bontrager Valiant; 28 hole	Bontrager Valiant; 28 hole	Bontrager Maverick; 28 hole	Bontrager Maverick; 32 hole	Weinmann 519; 32 hole
REAR RIM	Mavic Crossmax; 28 hole	Mavic Crossland; 28 hole	Bontrager Mustang ASYM; 32 hole	Bontrager Mustang ASYM; 32 hole	Bontrager Maverick ASYM; 32 hole	Bontrager Maverick ASYM; 32 hole	Weinmann 519; 32 hole
FRONT TIRE	Continental Double Fighter; Kevlar; 2.0 race tread	WTB Velociraptor; Kevlar; 2.1; 60 tpi	WTB Velociraptor; Kevlar; 2.1; 60 tpi	WTB Velociraptor; Kevlar; 2.1; 60 tpi	WTB Velociraptor; 2.1; 60 tpi	WTB Primal Raptor; 2.1; 60 tpi	WTB Primal Raptor; 47/54
REAR TIRE	Continental Double Fighter; Kevlar; 2.0 race tread	WTB Velociraptor; Kevlar; 44/50; 60 tpi	WTB Velociraptor; Kevlar; 44/50; 60 tpi	WTB Velociraptor; Kevlar; 44/50; 60 tpi	WTB Velociraptor; 44/50; 60 tpi	WTB Primal Raptor; 47/52; 60 tpi	WTB Primal Raptor; 47/52
REAR BRAKE	Shimano XTR V-brake	Avid 20	Avid 20	Avid 20	Avid 10	Dia-Compe 737; direct pull	Dia-Compe 737; direct pull
FRONT BRAKE	Shimano XTR V-brake	Avid 20	Avid 20	Avid 20	Avid 10	Dia-Compe 737; direct pull	Dia-Compe 737; direct pull
BRAKE LEVERS	Shimano XT STI V-levers	Avid 1.9	Avid 1.9	Avid 1.9	Avid 1.0	Dia-Compe DP7N; direct pull; alloy/alloy; 2 finger	Dia-Compe DP7N; direct pull; alloy/alloy; 2 finger
HANDLEBAR	Bontrager Race Lite; 5° bend	Bontrager comp; 5° bend	Bontrager comp; 5° bend	Butted aluminum; ATB alloy; 5° bend	Butted aluminum; ATB alloy; 5° bend	Butted aluminum; ATB alloy; 5° bend	Butted aluminum alloy; 5° bend
STEM	Bontrager alloy Aheadstem with Quick Change	Bontrager alloy Aheadstem with Quick Change	Bontrager alloy Aheadstem with Quick Change	Cold forged alloy Aheadstem with Quick Change	Cold forged alloy Aheadstem with Quick Change	Diecast alloy Aheadstem with Quick Change	ATB cromoly with Quick Change
GRIP	Fisher dual density	Fisher dual density	Fisher dual density	Fisher dual density	Fisher dual density	Fisher dual density	Serfas dual density
BAR END	Batter Fried Fish Fins; 120gm	Batter Fried Fish Fins; 120gm	Batter Fried Fish Fins; 120gm	Batter Fried Fish Fins; 120gm	Fish Sticks; 125gm	Alloy short	Alloy short
SADDLE	WTB SSTX; titanium rail; perforated leather/Kevlar sides	WTB SSTX; cromoly rail; Kevlar sides	WTB SSTX; cromoly rail; Kevlar sides	WTB SSTX; cromoly rail; Kevlar corners	WTB SSTX	Fisher 'supersoft' foam	Fisher 'supersoft' foam
SEATPOST	Thomson Elite; 220gm	Bontrager comp	Bontrager comp	Bontrager comp	Aluminum alloy micro-adjust	Aluminum alloy micro-adjust	Aluminum alloy micro-adjust
ANYTHING ELSE?	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger
	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses

STEEL

	HOO KOO E KOO	AQUILA	MARLIN	WAHOO	GITCHE GUMEE
SIZES	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL, MD-L	XS, SM, MD, LG, XL, MD-L
COLOR	Sapphire Blue	Bright Green	Team Yellow; Ballistic Blue	Video Blue; Bloodshot Red	Onyx Black; Orange Peel
MAINFRAME	TIG-welded true temper triple butted cromoly	TIG-welded double butted cromoly	TIG-welded double butted cromoly	TIG-welded cromoly mains	TIG-welded mains; cromoly seat tube
REAR TRIANGLE	Tapered cromoly	Cromoly	Cromoly	High tensile steel	High tensile steel
FORK	Rock Shox Indy XC; 63mm travel	Rock Shox Indy S; 50mm travel	Oversize cromoly butted	Oversize cromoly butted	High tensile steel
REAR SHOCK					
HEADSET	Dia-Compe STS OS Aheadset	Dia-Compe STS OS Aheadset	Oversize threaded	Oversize threaded	Oversize threaded
BOTTOM BRACKET	Shimano LP 27	Shimano LP 27	Shimano LP 2	Shimano cartridge CT91	Shimano cartridge CT91
CRANK	Sugino Impel 300A; 20/32/42	Sugino Impel 250; 24/34/42	Sugino Impel 250; 24/34/42	Shimano Altus; 24/34/42	Shimano Altus; 24/34/42
PEDALS	Icon cliptess	Alloy cage/resin body with Fisher toeclip	Resin with Fisher toeclip	Resin	Resin
FRONT DERAILLEUR	Shimano STX	Shimano Alivio	Shimano Acera-X	Shimano Altus CT92	Shimano Altus
REAR DERAILLEUR	Shimano XT SGS	Shimano STX-RC SGS	Shimano STX SGS	Shimano Alivio	Gripshift ESP 5.0
SHIFTER	Shimano STX-RC; Rapidfire+;OGD	Shimano STX-RC; Rapidfire+;OGD	Gripshift SRT 4.0	Gripshift MRX 170	Gripshift ESP 500
CASSETTE	Shimano IG60; 8-speed; 11-30	Shimano IG60; 8-speed; 11-30	Shimano IG50; 7-speed; 11-30	Shimano HG50; 7-speed; 11-28	Shimano HG50; 7-speed; 11-28
CHAIN	Sachs PC21; 104 length	Sachs PC21; 104 length	Sachs PC21; 104 length	Sachs PC10; 104 length	Sachs PC10; 104 length
FRONT HUB	Fisher Ginzu Team; 28 hole radial; 6mm skewer	Oversize sealed; 32 hole	Alloy sealed Quick Release; 32 hole	Alloy sealed Quick Release; 36 hole	Alloy sealed Quick Release; 36 hole
REAR HUB	Shimano STX-RC; 32 hole	Shimano STX-RC; 32 hole	Shimano Acera; 32 hole	Shimano RH40; 36 hole	Shimano RH40; 36 hole
SPOKES	DT 15G stainless steel	15 stainless steel	15G stainless steel	15G stainless steel	15G stainless steel
FRONT RIM	Bontrager Maverick; 28 hole radial	Bontrager Maverick; 32 hole	Weinmann 519; 32 hole	Weinmann 519; 36 hole	Weinmann 519; 36 hole
REAR RIM	Bontrager Maverick ASYM; 32 hole	Bontrager Maverick ASYM; 32 hole	Weinmann 519; 32 hole	Weinmann 519; 36 hole	Weinmann 519; 36 hole
FRONT TIRE	WTB Velociraptor; 2.1; 60 tpi	WTB Primal Raptor; 2.1	WTB Primal Raptor; 47/54	WTB Primal Raptor; 47/54	Knobby style black side and tread; 2.0
REAR TIRE	WTB Velociraptor; 44/50; 60 tpi	WTB Primal Raptor; 47/52	WTB Primal Raptor; 47/52	WTB Primal Raptor; 47/52	Knobby style black side and tread; 2.0
REAR BRAKE	Avid 10	Dia-Compe 737; direct pull	Dia-Compe 737; direct pull	Direct pull	Direct pull
FRONT BRAKE	Avid 10	Dia-Compe 737; direct pull	Dia-Compe 737; direct pull	Direct pull	Direct pull
BRAKE LEVERS	Avid 1.0	Dia-Compe DP7N; direct pull	Dia-Compe DP7N; direct pull	Direct pull; alloy/alloy; 2 finger	Direct pull; alloy/alloy; 2 finger
HANDLEBAR	Butted aluminum; 6° bend	Butted aluminum ATB alloy; 6° bend	Butted aluminum; 6° bend	ATB steel	ATB steel
STEM	Cold forged alloy Aheadstem with Quick Change	Diecast alloy Aheadstem with Quick Change	ATB cromoly with Quick Change	ATB steel with Quick Change	ATB steel with Quick Change
GRIP	Fisher dual density	Fisher dual density	Serfas dual density	Serfas dual density	Serfas dual density
BAR END	Fish Sticks; 125gm	Alloy short	Alloy short	Alloy short	
SADDLE	WTB SSTX	Fisher 'supersoft' foam	Fisher 'supersoft' foam	Fisher 'supersoft' foam	Fisher dual density ultra
SEATPOST	Aluminum alloy micro-adjust	Aluminum alloy micro-adjust	Aluminum alloy micro-adjust	Aluminum alloy micro-adjust	Aluminum alloy micro-adjust
ANYTHING ELSE?	2 waterbottle bosses Rack mounts	2 waterbottle bosses Rack mounts	2 waterbottle bosses Rack mounts	2 waterbottle bosses Rack mounts	2 waterbottle bosses Rack mounts

SPORT UTILITY BIKES

	UTOPIA	NIRVANA	ZEBRANO
SIZES	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL, MD-L
COLOR	Onyx Black	Bright Green	Sapphire Blue
MAINFRAME	TIG-welded 7005 aluminum alloy	TIG-welded butted cromoly mains	TIG-welded cromoly mains
REAR TRIANGLE	TIG-welded 7005 aluminum alloy	Cromoly	High tensile steel
FORK	Cromoly	Cromoly	Cromoly
REAR SHOCK			
HEADSET	Oversize threaded	Oversize threaded	Oversize threaded
BOTTOM BRACKET	Shimano LP27	Shimano LP27	Shimano Altus Cartridge
CRANK	Sugino XD 300; 26/36/46	Sugino XD 300; 26/36/46	Shimano Altus; 24/34/42
PEDALS	Alloy with Fisher toeclip and straps	Dual density resin	Dual density resin
FRONT DERAILLEUR	Shimano Nexave	Shimano FC500	Shimano Altus
REAR DERAILLEUR	Shimano Nexave	Shimano Aliwio GS	Shimano Acera
SHIFTER	Shimano Nexave	Gripshift SRT 4.0	Gripshift MRX 170
CASSETTE	Shimano IG50; 7-speed; 11-30	Shimano IG50; 7-speed; 11-30	Shimano HG50; 7-speed; 11-30
CHAIN	Sachs PC21; 106 length	Sachs PC21; 106 length	Sachs PC10; 104 length
FRONT HUB	Alloy sealed Quick Release; 32 hole	Alloy sealed Quick Release; 32 hole	Alloy sealed Quick Release; 36 hole
REAR HUB	Shimano STX; 32 hole	Shimano Acera; 32 hole	Shimano RH40; 36 hole
SPOKES	DT 15G stainless steel	15G stainless steel	15G stainless steel
FRONT RIM	Bontrager Maverick; 32 hole	Weinmann 519; 32 hole	Weinmann 519; 36 hole
REAR RIM	Bontrager Maverick ASYM; 32 hole	Weinmann 519; 32 hole	Weinmann 519; 36 hole
FRONT TIRE	Tioga City Slicker; 26 x 1.5; 60 tpi	Tioga City Slicker; 26 x 1.5; 60 tpi	Tioga City Slicker; 26 x 1.5; 60 tpi
REAR TIRE	Tioga City Slicker; 26 x 1.5; 60 tpi	Tioga City Slicker; 26 x 1.5; 60 tpi	Tioga City Slicker; 26 x 1.5; 60 tpi
REAR BRAKE	Shimano Nexave V-brake	Direct pull	Shimano Altus CT92
FRONT BRAKE	Shimano Nexave V-brake	Direct pull	Shimano Altus CT92
BRAKE LEVERS	Shimano Nexave V-levers	Direct pull; alloy/alloy; 2 finger	Alloy/Alloy; 2 finger
HANDLEBAR	ARC alloy	ATB steel	Double-bend steel
STEM	ATB cromoly with Quick Change	ATB steel with Quick Change	ATB steel with Quick Change
GRIP	Serfas dual density	Serfas dual density	Serfas dual density
BAR END			
SADDLE	Fisher 'supersoft' foam	Fisher dual density ultra	Fisher 'supersoft' foam
SEATPOST	Polygon PM900 suspension	Polygon PM900 suspension	Aluminum alloy micro-adjust
ANYTHING ELSE?	2 bottle mounts Rack mounts	2 bottle mounts Rack mounts	2 bottle mounts Rack mounts