

SHOGUN

ALL-TERRAIN BICYCLES



*Prairie Breaker
Ground Breaker
Trail Breaker*



S H O G U N



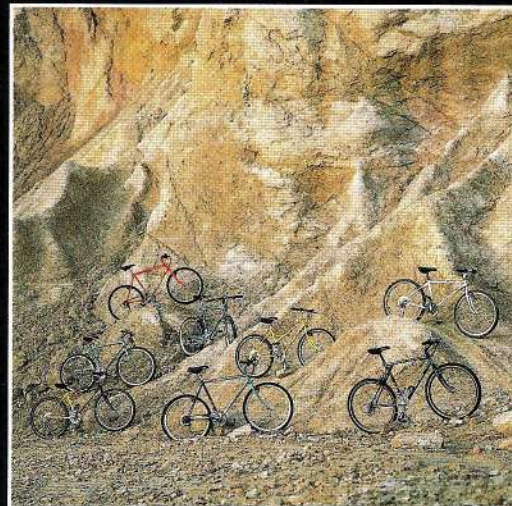
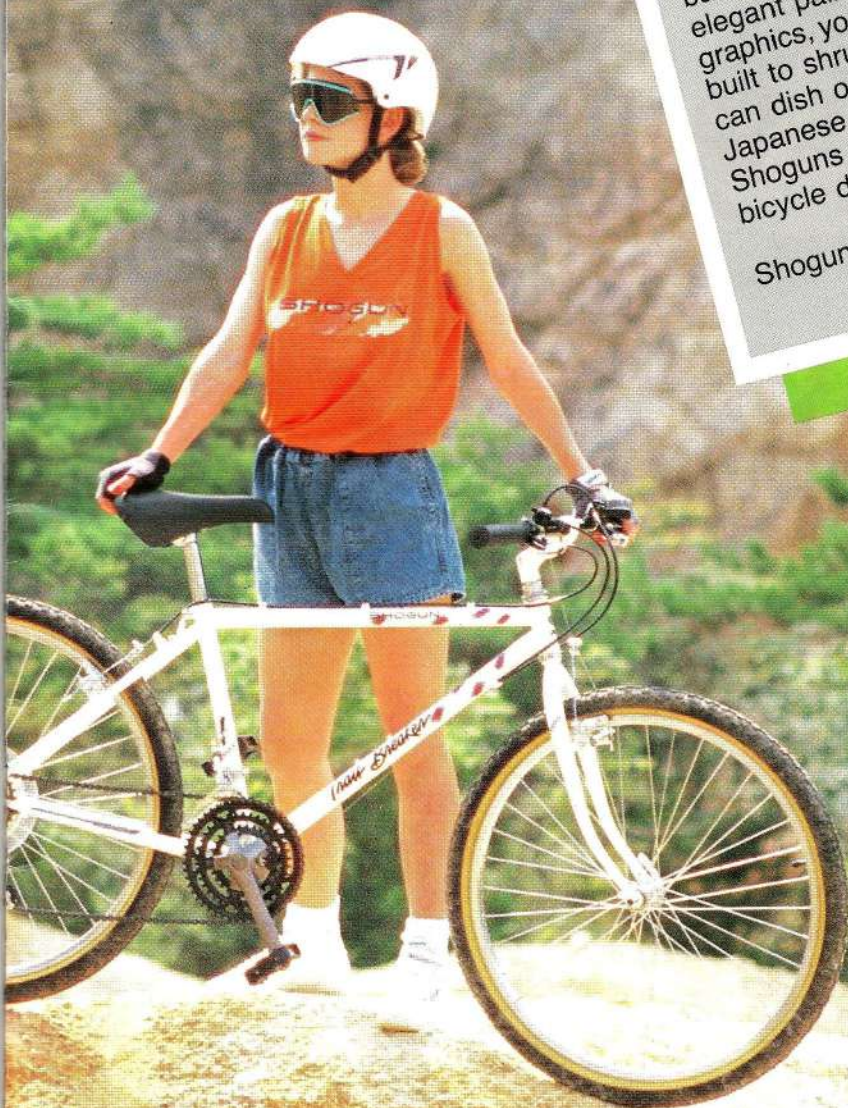
- A T B

"Who said you can't move mountains?"

For more than 13 years now, Shogun has demonstrated innovative leadership in the bicycle industry. Our new line of quality all-terrain models reflects state-of-the-art technology, precision Japanese engineering, and the most advanced production methods of our time.

The Prairie Breaker, Ground Breaker and Trail Breaker series bicycles for '89 embody an intricate balance of brawn and beauty. Underneath the elegant painting and stunning complementary graphics, you'll find truly rugged and reliable frames built to shrug off everything the toughest terrains can dish out. Combined with some of the finest Japanese componentry available today, the new Shoguns offer you excellence in total all-terrain bicycle design.

Shogun. We're still moving mountains.





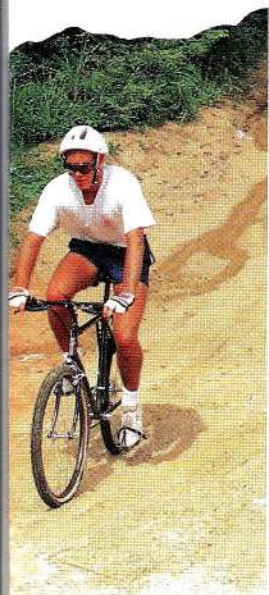
Prairie Breaker

Prairie Breaker Team Issue

The superlative Team Issue remains Shogun's top-of-the-line MTB, a masterpiece of design and construction. This bicycle is still a step ahead of its time in the effort to turn mountains into molehills.

Shogun's parallel construction and Tange's state-of-the-art Prestige chromoly tubing make the Team Issue frame one of the toughest and most rigid you can buy, at any price. It is perfectly complemented by Shimano's unmatched Deore XT II groupo with SIS, Hyper-Glide cassette, Biopace HP chainrings and seatstay mounted U-Brake with Flexguard. Shogun's exclusive dirt-deterrent Raised Cable Routing system included.

Available in metallic black/silver duotone colors, in 48 through 54 centimeter Standard frames and in a 45 centimeter Microframe for women.



45 centimeter Microframe model for women



Prairie Breaker



Prairie Breaker Pro

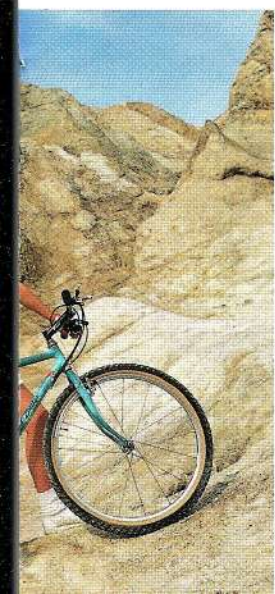
The economical version of our top-of-the-line Team Issue MTB, the Prairie Breaker Pro is the same breed of mountain bike – responsive, rugged and reliable. This model boasts the same rigid parallel frame construction with all-chromoly oversized tubing, to effectively reduce lateral flex and enhance performance in tough terrain.

Pro's component pack is highlighted by Shimano's ingenious Deore II groupo with SIS, Biopace HP chainrings for efficient pedaling cadence, seatstay-mounted U-Brake with Flexguard and aluminum alloy rims, hubs and handlebar. Sealed mechanisms in the headset, BB set and hubs protect against off-road dust, mud and water.

Available in peacock blue/pale aqua duotone colors, in 48 through 54 centimeter Standard frames and in a 45 centimeter Microframe for women.



45 centimeter Microframe model for women





Ground Breaker EXPERT

Built for the expert, who is able to tackle the roughest territory and who demands an MTB that can do the same. New for '89, Ground Breaker Expert has taken its rightful place in Shogun's quality MTB lineup.

The frame is comprised of the finest chromoly double-buttressed tubing, with an oversized chromoly fork. Also featured is Shimano's incomparable Mountain LX groupo with precision SIS capability, Hyper-Glide cassette, and Biopace HP chainrings. Aluminum alloy Araya rims, quick-release hubs front & rear, and sealed headset & BB set included.

Available in black/marigold duotone colors, in 48 through 54 centimeter Standard frames and in a 45 centimeter Microframe for women.



45 centimeter Microframe model for women

Ground Breaker

A newcomer to our MTB lineup, the Ground Breaker is a high-caliber bicycle worthy of the Shogun name. Here's quality you can rely on, no matter where you are in the wilderness.

The Ground Breaker features an all-chromoly frame and an oversized chromoly fork, as well as Shimano's superb Exage Mountain SIS groupo with 18-speed index shifting and Biopace chainrings. Aluminum alloy components include Araya RX-7 rims, quick-release hubs front & rear, brakes, handlebar and seat post.

Available in aqua/midnight blue duotone colors, in 48 through 54 centimeter Standard frames and in a 45 centimeter Microframe for women.





Trail Breaker



Trail Breaker 3

A high-climbing ATB at a price that's not. This model is tops in the Trail Breaker series and is built with the ruggedness and dependability that people have come to expect from Shogun.

TB 3's main frame triangle and oversized front fork are constructed of Tange's lightweight chromoly tubing. Notable too are Shimano's brilliant 18-speed Exage Trail SIS drive train with Biopace chainrings, light alloy rims and light alloy quick-release hubs front & rear. No compromises on quality componentry.

The 17 inch Microframe for women and 19 through 22 inch Standard frames available in black. An 18 inch Tritube frame for women available in marigold.



18 inch Tritube model for women





Trail Breaker 2

Trail Breaker 2 is mid-priced in Shogun's Trail Breaker series, and a fantastic value by any standard. It's built to get you as far into the wild as you might want to go, and to survive mountains of abuse.

The TB 2 frame features durable chromoly main tubing, and the fork is made of oversized chromoly tubing. Shifting is a positive breeze with Shimano's new 18-speed Exage Country derailleurs with SIS indexing. Light alloy rims, hubs, stem and Biopace chainrings highlight the fine component package.

Standard 19 through 22 inch frames and an 17 inch Microframe for women available in scarlet. An 18 inch Tritube frame for women available in aqua.



18 inch Tritube model for women



Trail Breaker 1

Shogun's Trail Breaker 1 model is economically priced, and has everything that's essential for great mountain bicycling – strength, dependability and basic good quality componentry.

The main frame and front fork are constructed of lightweight chromoly tubing, and the 15-speed drive train features Shimano's fluid SIS index shifting. Aluminum alloy rims, brakes and stem, and convenient quick-release seat pin included.

The women's 17 inch Microframe and 19 through 22 inch Standard frames available in light blue, and an 18 inch Tritube frame for women available in crystal white.



17 Inch Microframe model for women

SPECIFICATIONS

	PRAIRIE BREAKER TEAM ISSUE	PRAIRIE BREAKER PRO	GROUND BREAKER EXPERT
FRAME:	'TANGE PRESTIGE', double-butted main tubing, with forged dropouts. Brazed-on brake cable & derailleur cable stoppers, cable stopper bridge, seatstay mounted U-Brake bosses, front derailleur cable roller boss, double bottle bosses and chain hanger	'TANGE', chromoly double-butted, oversized tubing, with forged dropouts. Brazed-on brake cable & derailleur cable stoppers, cable stopper bridge, seatstay mounted U-brake bosses, double bottle bosses and chain hanger	Chromoly double-butted tubing, with forged dropouts. Brazed-on brake cable & derailleur cable stoppers, cable stopper bridge, canti bosses, double bottle bosses, rear carrier bosses and chain hanger
FRONT FORK:	'TANGE', chromoly oversized blades, with Unicrown and investment-cast dropouts. Brazed-on canti bosses	'TANGE', chromoly oversized blades, with Unicrown and investment-cast dropouts. Brazed-on canti bosses	Chromoly oversized blades, with Unicrown and investment-cast dropouts. Brazed-on canti bosses
FRAME SIZES:	45cm Microframe 48, 51, 54cm Standard frames	45cm Microframe 48, 51, 54cm Standard frames	45cm Microframe 48, 51, 54cm Standard frames
WEIGHT:	28.8 lbs (51cm)	29.7 lbs (51cm)	29.9 lbs (51cm)
HEAD SET:	'TIOGA MTB MASTER', light alloy, triple-sealed mechanism	'TIOGA MTB BEARTRAP', triple-sealed mechanism	'TIOGA MTB EXPERT', triple-sealed mechanism
BB SET:	'SHIMANO DEORE XT II', sealed mechanism	'SHIMANO DEORE II', sealed mechanism	'SHIMANO MOUNTAIN LX', sealed mechanism
HANDLEBAR:	'TANGE PRESTIGE II', bulge type, anatomic sizing, with 'TANGE' cushion grips	'TIOGA', light alloy, bulge type, anatomic sizing, with 'TANGE' cushion grips	'TIOGA', light alloy, bulge type, anatomic sizing, with 'Kraton' grips
HANDLEBAR STEM:	'TIOGA T-BONE', chromoly, anatomic sizing	'TIOGA T-BONE', chromoly, anatomic sizing	'TIOGA T-BONE', chromoly, anatomic sizing
BRAKES:	'SHIMANO DEORE XT II', Linear Response, front: cantilever, rear: 'U' brake, with Flexguard, seatstay mounting	'SHIMANO DEORE II', Linear Response, front: cantilever, rear: 'U' brake with Flexguard, seatstay mounting	'SHIMANO MOUNTAIN LX', Linear Response, front: cantilever
BRAKE LEVERS:	'SHIMANO DEORE XT II', Linear Response, light alloy, with bracket covers	'SHIMANO DEORE II', Linear Response, light alloy	'SHIMANO MOUNTAIN LX', Linear Response, light alloy, with bracket covers
RIMS:	'ARAYA NEW RM-20', light alloy, 26"×1.5", hard anodized, 32/32 holes	'ARAYA NEW RM-20', light alloy, 26"×1.5", 32/32 holes	'ARAYA NEW RM-20', light alloy, 26"×1.5", 36/36 holes
HUBS:	'SHIMANO DEORE XT II', Hyper-Glide, light alloy, small flange, quick release, sealed mechanism	'SHIMANO DEORE II', Hyper-Glide, light alloy, small flange, quick release, sealed mechanism	'SHIMANO MOUNTAIN LX', Hyper-Glide, light alloy, small flange, quick release, sealed mechanism
SPOKES:	Stainless steel, 14 gauge,	Stainless steel, 14 gauge,	Stainless steel, 14 gauge
TIRES:	'TIOGA', 26"×1.95", skin side wall, 65 PSI, front: Farmer John's Cousin, rear: Farmer John	'TIOGA', 26"×1.95", skin side wall, 65 PSI, front: Farmer John's Cousin, rear: Farmer John	'IRC X1-PRO', 26"×2.0", skin side wall, 85 PSI
FRONT DERAILLEUR:	'SHIMANO DEORE XT II'	'SHIMANO DEORE II'	'SHIMANO MOUNTAIN LX'
REAR DERAILLEUR:	'SHIMANO DEORE XT II', SIS	'SHIMANO DEORE II', SIS	'SHIMANO MOUNTAIN LX', SIS
SHIFTERS:	'SHIMANO DEORE XT II', SIS, handlebar mounting	'SHIMANO DEORE II', SIS, handlebar mounting	'SHIMANO MOUNTAIN LX', SIS, handlebar mounting
CRANKSET:	'SHIMANO DEORE XT II', 46/36/26T, with Biopace HP chainrings, anatomic sizing	'SHIMANO DEORE II', 46/36/26T, with Biopace HP chainrings, anatomic sizing	'SHIMANO MOUNTAIN LX', 46/36/26T, with Biopace HP chainrings, anatomic sizing
FREEWHEEL:	'SHIMANO DEORE XT II', Hyper-Glide, cassette type, 12/14/16/18/21/24/28T, 7-speed	'SHIMANO DEORE II', Hyper-Glide, cassette type, 12/14/16/18/21/24/28T, 7-speed	'SHIMANO DEORE II', Hyper-Glide, cassette type, 13/15/17/20/23/26/30T, 7-speed
CHAIN:	'SHIMANO DEORE XT II', Hyper-Glide, silver	'SHIMANO DEORE II', Hyper-Glide, black	'SHIMANO DEORE II', Hyper-Glide, black
PEDALS:	'SHIMANO DEORE XT II', light alloy, with reflectors	'TIOGA SUREFOOT-I', light alloy body, with reflectors	Light alloy, with reflectors
SADDLE:	'VETTA', Gelflex, anatomic type	'VETTA' Gelflex, anatomic type	'VETTA', Gelflex, anatomic type
SEAT POST:	'STRONG PM-30', light alloy, 300mm	'STRONG PM-30', light alloy, 300mm	Light alloy, hard anodized, 300mm
EXTRAS:	Reflectors DEORE XT quick release seat pin Nylon toe clips Nylon toe straps Chainstay guard	Reflectors Quick release seat pin Nylon toe clips Nylon toe straps Chainstay guard	Reflectors Quick release seat pin Chainstay guard
COLORS:	Metallic black/Silver duotone	Peacock blue/Pale aqua duotone	Black/Marigold duotone

* Seatstay mounted U-Brake and cable roller bosses not available on 45cm Microframe

* Double bottle bosses not available on 18" Tritube frame

GROUND BREAKER	TRAIL BREAKER 3	TRAIL BREAKER 2	TRAIL BREAKER 1
Chromoly tubing, with forged dropouts. Brazed-on brake cable & derailleur cable stoppers, cable stopper bridge, canti bosses, double bottle bosses, rear carrier bosses and chain hanger	Chromoly main tubing, with forged dropouts. Brazed-on cable guides, derailleur cable stoppers, cable stopper bridge, canti bosses, double bottle bosses and rear carrier bosses	'TANGALOY' tubing, with chromoly seat tube, with forged dropouts. Brazed-on cable guides, derailleur cable stoppers, cable stopper bridge, canti bosses, bottle bosses and rear carrier bosses	'TANGALOY' tubing, with chromoly seat tube, with forged dropouts. Brazed-on cable guides, derailleur cable stoppers, cable stopper bridge, canti bosses, bottle bosses and rear carrier bosses
Chromoly oversized blades, with Unicrown and forged dropouts. Brazed-on canti bosses	Chromoly oversized blades, with Unicrown and forged dropouts. Brazed-on canti bosses	Chromoly oversized blades, with Unicrown and forged dropouts. Brazed-on canti bosses	Chromoly tubing, with Unicrown and forged dropouts. Brazed-on canti bosses
45cm Microframe 48, 51, 54cm Standard frames	17" Microframe 18" Tritube frame 19, 20, 22" Standard frames	17" Microframe 18" Tritube frame 19, 20, 22" Standard frames	17" Microframe 18" Tritube frame 19, 20, 22" Standard frames
30.1 lbs (51cm)	33.2 lbs (21")	33.4 lbs (21")	33.7 lbs (21")
'TIOGA KM-III', triple-sealed mechanism	Steel, cp finish, triple-sealed mechanism	Steel, cp finish	Steel, cp finish
'SHIMANO EXAGE MOUNTAIN', sealed mechanism	'SHIMANO EXAGE MOUNTAIN', sealed mechanism	Steel, cp finish, sealed mechanism	Steel, cp finish
'TIOGA', light alloy, bulge type, anatomic sizing, with 'Kraton' grips	Light alloy, bulge type, with 'Kraton' grips	Steel, bulge type, with 'Kraton' grips	Steel, bulge type, with cushion grips
'TIOGA T-BONE', chromoly, anatomic sizing	Light alloy	Light alloy	Light alloy
'SHIMANO EXAGE MOUNTAIN', Linear Response, cantilever	'SHIMANO EXAGE TRAIL', Linear Response, cantilever	'SHIMANO EXAGE COUNTRY', Linear Response, cantilever	Light alloy, cantilever
'SHIMANO EXAGE MOUNTAIN', Linear Response, light alloy, with bracket covers	'SHIMANO EXAGE TRAIL', Linear Response, with bracket covers	'SHIMANO EXAGE COUNTRY', Linear Response	Light alloy
'ARAYA RX-7', light alloy, 26"×1.5", 36/36 holes	'ARAYA RX-7', light alloy, 26"×1.5", 36/36 holes	'ARAYA MP-22', light alloy, 26"×1.5", 36/36 holes	'WEINMANN', light alloy, 26"×1.5", 36/36 holes
'SHIMANO', light alloy, small flange, quick release, sealed mechanism	'SHIMANO', light alloy, small flange, quick release, sealed mechanism	Light alloy, small flange, sealed mechanism, front: quick release	Steel, small flange, front: quick release
Stainless steel, 14 gauge	14 gauge	14 gauge	14 gauge
'TIOGA FARMER JOHN'S NEPHEW', 26"×1.95", skin side wall, 65 PSI	'TIOGA FARMER JOHN'S NEPHEW', 26"×1.95", skin side wall, 65 PSI	26"×1.9", with skin side wall, 65 PSI	26"×1.9", with gum side wall, 65 PSI
'SHIMANO EXAGE MOUNTAIN', SIS	'SHIMANO EXAGE TRAIL'	'SHIMANO EXAGE COUNTRY'	'SHIMANO AX55'
'SHIMANO EXAGE MOUNTAIN', SIS	'SHIMANO EXAGE TRAIL', SIS	'SHIMANO EXAGE COUNTRY', SIS	'SHIMANO R552GS', SIS
'SHIMANO EXAGE MOUNTAIN', SIS, handlebar mounting	'SHIMANO EXAGE TRAIL', SIS, handlebar mounting	'SHIMANO EXAGE COUNTRY', SIS, handlebar mounting	'SHIMANO MS52', SIS, handlebar mounting
'SHIMANO EXAGE MOUNTAIN', 48/38/28T, with Biopace chainrings, anatomic sizing	'SHIMANO EXAGE TRAIL', 48/38/28T, with Biopace chainrings, anatomic sizing	'SHIMANO EXAGE COUNTRY', 48/38/28T, with Biopace chainrings, anatomic sizing	'SUGINO', 48/38/28T, with high-tech gray cranks
'SHIMANO', cassette type, 14/16/19/22/26/30T, 6-speed	'SHIMANO', cassette type, 14/16/19/22/26/30T, 6-speed	'SHIMANO', 14/17/20/23/26/30T, 6-speed	'SHIMANO', 14/16/20/24/30T, 5-speed
'SHIMANO UNIGLIDE', black	'SHIMANO UNIGLIDE', black	'SHIMANO UNIGLIDE', black	'SHIMANO UNIGLIDE', black
Resin body, alloy cage, with reflectors	Resin body, steel cage, with reflectors	Resin, with reflectors	Resin, with reflectors
'VETTA', anatomic type	'VETTA', anatomic type	Anatomic type	Anatomic type
Light alloy, 300mm	Light alloy, 300mm	Light alloy, 300mm	Steel, cp finish, 300mm
Reflectors Quick release seat pin Chainstay guard	Reflectors Quick release seat pin Chainstay guard	Reflectors Quick release seat pin Chainstay guard	Reflectors Quick release seat pin Chainstay guard
Aqua/Midnight blue duotone	Black Marigold	Scarlet Turquoise	Light blue Crystal white

