

2012 DAKAR SIXFIFTY B PRO

MTB 650

UPGRADES/CHANGES FROM 2011 (DAKAR 650 B2)

Rock Shox Monarch RT3 HV shock

SRAM PC-1071 chain

Kenda Nevegal tires

Ritchey PRO seatpost

New WTB Volt Race saddle

REASONS TO UPGRADE FROM DAKAR SIXFIFTY BCOMP

American Classic 650B Disc wheelset

White Brothers Loop TCR fork

SRAM XO drivetrain

Avid XO Brakes

Kenda Nevegal folding tires

Ritchey PRO cockpit

WTB Volt Race saddle



Brushed Nickel

FEATURES/BENEFITS

The SIXFIFTY-B is modeled on our highly successful XCT Trail Bike design. The mp4 multi-link suspension design, like on the XCT, is optimized to shed weight, increase both lateral and torsional stiffness, maximize shock adjustability and offer superb pedaling efficiency with a progressive suspension leverage rate.

The SixFifty main frame features a 11/8" - 1.5" tapered head tube to keep the frame light while increasing stiffness and strength at the crown for improved handling and steering.

The rear triangle of the SixFifty has our mp4 forged alloy linkage paired with short seatstays with a 3-D bridge, asymmetrical chainstays & 12x135mm thru-axle for strength and stiffness.

Cable housing and hose routing is clean and efficient, with an extra housing cradle along the bottom of the top tube for those who want to add dropper post.

Rock Shox's Monarch RT3 rear suspension features a 3-position Floodgate switch to adjust platform control pedaling efficiency with the flip of a lever and the Solo Air spring system with a single Schrader air valve to simultaneously fill both the positive and negative air chambers, simplifying suspension setup while retaining a lightweight and plush ride.

White Brothers Loop TCR features an innovative magnetic damper system called Aura that takes the guess-work out of the perfect setup. Five compression damping positions and an additional three for threshold let you simply, quickly, and effectively cater your suspension to the day's trail and get down to what's important: the ride.

SRAM'S X.0 rear derailleur works as great as it looks thanks to SRAM's patented 1:1 actuation ratio and Direct Route technology. This is not only one of the lightest RD's on the market (190 grams) but thanks to intelligent engineering with carbon & aluminum, it is also one of the toughest.

The XO 10-speed shifters take the revolutionary performance of XX and combines it with the legendary reputation of XO. The X.O's borrow the same XX technology such as X-Glide shifting, Exact Actuation, the X-Dome cassette and wide range 2x10 gearing. X-Glide puts you in THE RIGHT GEAR, right now. By aligning the chainring pick-up rivets to the chain pivot pin you get double the shift opportunities. No more missed shifts, ever.

Avid's XO brakes feature forged aluminum calipers, lever body and lever blades. This is a do-it-all brake that is fully featured yet weighs only 333 grams. The Elixir's TaperBore technology eliminates the need for an independent reservoir, leading to a sleek and light integrated brake lever.

American Classic wheels are light, responsive and are lusted over by many. At just over 1700 grams, their 650B wheels are lighter than many 26" wheelsets. The front hub is double sealed and features a 15mm axle and 17mm stainless steel bearings that resist fork flex. The rear hub features a 12mm axle and a 6 pawl, cam-actuated freehub engagement system that is specifically designed to handle the constant re-acceleration of XC racing and trail riding.

SPECIFICATIONS

Frame	Kinesium alloy main triangle, asymmetrical chainstays with 12 x 135mm thru-axle dropouts, 130mm travel mp4 linkage design, 1.5 - 1 1/8" tapered head tube, cartridge bearing pivots, Rock Shox Monarch RT3 high volume shock, 10mm hardware, replaceable derailleur hanger, Maxle Lite rear axle
Fork	White Brothers Loop TCR 650B with 15mm front axle, 32mm stanchions, tapered alloy steerer, Aura damping, external compression, rebound & threshold adjusters, magnesium lower legs, 130mm travel
Headset	FSA Orbit 1.5 Zero-Stack internal cup, for tapered head tube, 30mm shim stack
Wheels	American Classic 650B XC disc wheels, AC 15mm thru-axle front and AC225 12 x 135mm thru-axle rear hubs
Tires	Kenda Nevegal, 650B x 2.1" front & 2.35" rear, folding
Derailleurs	SRAM XO mid-cage rear and X9 34.9mm top pull front
Shiftlevers	SRAM XO with Matchmaker clamp, 10-speed
Chain	SRAM PC-1071, 10 speed
Cassette	SRAM PG-1070, 10-speed, 12-36
Crankset	SRAM XO, 39/26, 170MM (15"), 175MM (17-21")
BB Set	SRAM XO integrated
Pedals	N/A
Brakeset	Avid XO hydraulic disc brakes with Matchmaker clamp, 180mm front and 160mm rear HSI rotors
Handlebar	Ritchey Pro Rizer, 670MM x 20mm rise x 31.8mm
Stem	Ritchey Pro 4-Axis 44, 6° rise x 90mm (15"), 100mm (17"), 110mm (19"), 120mm (21")
Grips	Jamis Lock-On, dual density
Seat Post	Ritchey Pro 2B OS, 31.6 x 400mm, with alloy clamp & crommo seatpin
Saddle	WTB Volt Race, Satin rails
Sizes	15", 17", 19", 21"
Color	Brushed Nickel
Weight	27.75lbs

GEOMETRY

SIZE	CENTER of BB to TOP of TT	EFFECTIVE TT LENGTH	HT ANGLE	ST ANGLE	CHAINSTAY	WHEELBASE	FORK RAKE	BB HEIGHT	HEADTUBE	STANDOVER
15"	13.74/349	22.12/562	69°	73°	17.71/450	43.15/1096	1.65/42	13.42/341	4.53/115	30.63/778
17"	15.23/387	22.79/579	69°	73°	17.71/450	43.86/1114	1.65/42	13.42/341	4.72/120	31.57/802
19"	16.38/416	23.70/602	69°	73°	17.71/450	44.76/1137	1.65/42	13.42/341	5.51/140	33.07/840
21"	18.31/465	24.09/612	69°	73.5°	17.71/450	45.35/1152	1.65/42	13.42/341	5.90/150	34.29/871