

# 2012 DAKAR SIXFIFTY B COMP

MTB 650



Ano Black

## UPGRADES/CHANGES FROM 2011 ( DAKAR 650 B1)

- X-Fusion Velvet RL 650B fork
- Formula SEALED bearing hubs
- Kenda Nevegal tires
- New WTb Volt SPORT saddle

## 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 leverage rate.

The SixFifty main frame features a 1 1/8" - 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 R rear shock features external rebound damping 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.

X-Fusion's Velvet RL utilizes the X-15 QR axle developed by Syntace. The X-15 QR is light, stiff and provides a tool-free, accurate alignment system for taking wheels on and off. Once the lever direction is set it will always go back to the same spot. No matter how many times the user removes their wheel, they will always get the same accuracy and precision when reinstalling.

Avid's Elixir 3 offers the same ride quality as the upper end Elixirs with slightly fewer features. The brake features an ambidextrous lever body featuring Tapered Bore technology, easy access tool reach adjust and a 2-piece caliper all resulting in a light great feeling brake.

WTB Laser Disc Trail rims are ideal for today's All Mountain abuse. Their 27-millimeter width adds strength and accommodates a wide range of tires from 2.0 XC tires to 2.5 DH tires.

SLX Rapidfire Plus shifters offer a "2-way" release, allowing the upper lever to be pulled with the forefinger or pushed with the thumb depending upon rider preference.

Kenda's Nevegals are possibly the best all round tires we have ever ridden. Enough grip to build confidence. Large enough volume for hard rocks. Deep enough tread for loose sand and mud. At low pressures they stick to almost anything. The Nevegals will get you up any rooty or rocky section, then let you shred corners and off-camber berms once you earn it.

The new WTb Volt saddle utilizes a "whale tail" pad shape which helps increase power output by properly angling to the sit bones while climbing. When the climbing gets steep, scoot up on the Volt's drop nose. A flex tuned shell and a Comfort Zone cut out below the nose increase comfort while riding on the front of the saddle.

## 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 R high volume shock, 10mm hardware, replaceable derailleur hanger, Maxle Lite rear axle
Fork	X-Fusion Velvet RL 650B w/ X-15 QR front axle, 32mm stanchions, tapered alloy steerer, air spring, rebound & lockout adjusters, magnesium lower legs, 130mm travel
Headset	FSA Orbit 1.5 Zero-Stack internal cup, for tapered head tube, 30mm shim stack
Wheels	WTB LaserDisc Trail 650B, 32H, eyeletted, with Formula 15mm thru-axle front and 12 x 135mm thru-axle rear sealed bearing 6-bolt disc hubs, Maxle Lite rear axle, DT Champion spokes
Tires	Kenda Nevegal, 650B x 2.1" front & 2.35" rear
Derailleurs	Shimano SLX M663 Shadow rear and SLX M661 34.9mm top pull front
Shiftlevers	Shimano SLX M660 Rapidfire Plus-SL, 10-speed
Chain	Shimano HG-54, 10-speed
Cassette	Shimano HG81, 10-speed, 11-36
Crankset	Shimano M552 Hollowtech, 42/32/24, 170mm (15"), 175mm (17-21")
BB Set	Shimano M552, integrated
Pedals	N/A
Brakeset	Avid Elixir 3 hydraulic disc brakes with 180mm front and 160mm rear HSI rotors
Handlebar	Ritchey Mountain Rizer, 670mm x 20mm rise x 31.8mm
Stem	Ritchey 4 Bolt OS, 6° x 90mm (15"), 100mm (17"), 110mm (19") & 120mm (21")
Grips	Jamis Lock-On, dual density
Seat Post	Ritchey 2B OS, 31.6 x 400mm, with alloy clamp & chromo seatpin
Saddle	WTB Volt Sport, steel rails
Sizes	15", 17", 19", 21"
Color	Ano Black
Weight	30.00lbs

## 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