

# 2009 JAMIS COMMUTER 4

## UPGRADES FROM 2008

Shimano Dynamo front hub with LED front light

Sturdy alloy rear carrier

Shimano BR-M416 mechanical disc brakes

Matching distressed leather-finish saddle and grips

Comfortable foam grips with stitched covers

## REASONS TO UPGRADE FROM COMMUTER 3

Shimano Alfine Dynamo front hub w/LED front light featuring auto-on mode

Sturdy alloy rear carrier

Shimano Alfine Inter-8-speed rear hub with double front chainwheel for wider gearing

Shimano M416 mechanical disc brakes with Shimano center lock rotors and front hub.

FSA Vero compact double crankset

## FEATURES/BENEFITS

Commuter's no-nonsense aluminum frame is lightweight & durable and available in 7 sizes for the best possible fit, all contributing to a more comfortable and safer ride

Our aluminum, straight-bladed & tapered unicrown fork is significantly lighter than a suspension fork, improving pedaling performance and maneuverability

The classic swept-back, city-bike style handlebar with 43 degree back sweep, 66m rise and 595mm width puts hands & wrists in a comfortable, natural palms-in position

Satori's long quilled, 3D-forged angle-adjustable stem offers a great looking, comfortable, upright ride position that's easy on neck & wrists

Shimano's M416 disc brakes are lighter and more compact than last year's M415 brakes and mate perfectly with our chainstay disc mount

The Shimano Alfine Inter-8 speed rear hub shifts lightly in close increments over a huge gear ratio range and is labyrinth sealed for extra-low maintenance

Shimano's Alfine Dynamo front hub has polished bearing races for smooth wheel rolling and low drag current generation

KMC's iLight with hi-intensity LED lamp is powered by the Dynamo hub but remains lit when stopped at traffic lights, and offers an auto-on feature that operates only at night.

Our polycarbonate fenders are exceptionally lightweight and protects both rider and bike from rain water sloughing off spinning wheels

Weinmann ZAC 2000 double wall rims are stronger, lighter and longer lasting than standard single wall rims

Smooth-rolling, Vittoria Adventure Touring 700 x 32c tires hold more air volume & are more comfortable to ride than smaller width 23 - 28C road tires, and feature a 3M reflective stripe -- much more visible at night than standard wheel reflectors -- and a puncture resistant casing

Our super plush saddle features memory foam padding for optimum support with maximum comfort. The "nap" of the distressed leather finish offers a good "grip" for the saddle top to prevent slipping, while still allowing the thighs to slide freely against the saddle sides for an easier and more comfortable ride

Telescoping suspension seat post with 45mm of MDU elastomer-damped travel is lighter than coil-spring types



Forrest Green/Bone

## SPECIFICATIONS

Frame	6061 aluminum triple gauge main tubes and stays, sloping design, chainstay disc brake mount, rack/fender mounts, replaceable derailleur hanger
Fork	Jamis City/Cross fork, aluminum, with disc mounts and eyelets
Headset	Slimstack threaded, sealed, 1 1/8"
Wheels	Weinmann ZAC 2000 double-wall disc rims with eyelets 700c, 36H, Shimano Alfine Inter-8 CenterLock disc rear, Shimano Alfine Dynamo front hub w/ CenterLock disc mount, 14g stainless spokes.
Tires	Vittoria Adventure Touring, 700 x 32c, with Rubber Shield puncture protection and reflective safety stripe
Derailleurs	Shimano CT-S500 chain tensioner, Shimano R440 front
Shiftlevers	Shimano SL-S500 RapidFire shifter for Alfine hub, 8-speed
Chain	KMC Z-9000
Cassette	Shimano CS-S500 18T
Crankset	FSA Vero Compact, 48/34, 170mm (14.5-18.5"), 175mm (20.5-22"), with chainguard
BB Set	Sealed cartridge, 68 x 110.5mm
Pedals	Full alloy City/Cross, toe clip compatible
Brakeset	Shimano mechanical disc brakes, BR-M416, 160mm (6") CenterLock rotors with Tektro Levers
Handlebar	Classic swept-back city-bike style, alloy
Stem	Satori forged alloy, angle-adjustable, 90mm ext x 150mm quill (14.5-17.5") or 110mm ext x 180mm quill (18.5-22")
Grips	Jamis Urban, high density foam, stitched synthetic leather cover
Seat Post	Suspension, alloy micro-adjust, 350mm x 27.2mm, alloy QR clamp
Saddle	Jamis Urban with memory foam, synthetic distressed leather top and sides and single-loop springs
Accessories	Dynamo front LED light, alloy rear carrier, lightweight polycarbonate fenders
Sizes	M: 14.5" 16.5" 18.5" 20.5" 22" W: 14.5", 17.5"
Color	Forrest Green/Bone (M & W)
Weight	33.80 lbs

## GEOMETRY

SIZE	CENTER of BB to TOP of TT	EFFECTIVE TT LENGTH	HT ANGLE	ST ANGLE	CHAINSTAY	WHEELBASE	FORK RAKE	BB HEIGHT	HEADTUBE	STANDOVER
14.5"	13.39/340	21.53/547	71°	74°	17.52/445	40.98/1041	1.77/45	11.22/285	3.94/100	27.56/700
16.5"	15.28/388	22.12/562	71°	74°	17.52/445	41.61/1057	1.77/45	11.22/285	4.72/120	28.94/735
18.5"	17.17/436	22.48/571	72°	73.5°	17.52/445	41.42/1052	1.77/45	11.22/285	5.51/140	30.35/771
20.5"	19.21/488	23.03/585	72°	73.5°	17.52/445	42.01/1067	1.77/45	11.22/285	7.08/180	32.09/815
22"	20.75/527	23.42/595	72°	73.5°	17.52/445	42.44/1078	1.77/45	11.22/285	7.87/200	33.23/844
14.5"W	9.49/241	21.50/546	71°	74°	17.52/445	40.94/1040	1.77/45	11.22/285	3.94/100	25.08/637
17.5"W	10.28/261	21.89/556	71°	73.5°	17.52/445	41.26/1048	1.77/45	11.22/285	5.12/130	25.90/658