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## General Specifications

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### Engine

Engine Type	4-stroke, 4-cylinder, DOHC, Liquid cooled, 16-Valve
Displacement	1052 cc
Bore x Stroke	76.0 x 58.0 mm
Compression Ratio	10.1:1
Carburetor	Keihin CVK36(4) Constant velocity, Diaphragm-type
Ignition System	12 V Battery & Coil, Transistorized Breakerless
Ignition Advance	Electronic
Crankshaft Rotation	Clockwise from RH side
Cylinder Number Method	Left to Right: 1-2-3-4
Firing Interval/Order	180° /1-2-4-3
Cylinder Material	Aluminum alloy with ferrous sleeves
Fuel	Min 91 Research/87 Avg. Oct. Unleaded OK
Coolant	50% distilled water /50% ethylene glycol base antifreeze.
—Capacity	2.5 liter
—Level	Level with radiator filler neck.

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### Transmission

Clutch Type	Wet, Multi-disc, Manual
Transmission	5-speed, Constant mesh, Return shift
Shift Pattern(Bottom up)	1-N-2-3-4-5 (w/Neutral Finder)
Gear Ratios	2.73 (41/15)
—1st	1.95 (37/19)
—2nd	1.48 (34/23)
—3rd	1.19 (31/26)
—4th	1.04 (29/28)
—5th	1.64 (95/58)
Primary Ratio	2.65 (45/17)
Final Ratio	4.49
Overall Ratio (Top Gear)	

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### Chassis

Wheelbase	1,450 mm (57.1 in.)
Seat Height	790 mm (31.1 in.)
Ground Clearance	135 mm (5.3 in.)
Dry Weight	489.5 lbs. (US,CN)
Curb Weight	540.1 lbs. (US,CN)
Fuel Tank Capacity	20 liter (5.3 gal.)
Tire Size	—Front 120/70-ZR17 Tubeless
—Rear	170/60-ZR17 Tubeless
Brake Type	—Front Dual Hydraulic Disc
—Rear	Single Hydraulic Disc
Brake Size	—Front 283 mm Effective Diameter
—Rear	217 mm Effective Diameter
Wheel Travel	—Front 125 mm
—Rear	118 mm

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## Model Identification

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Year & Model	'00 ZR1100-C4:ZRX 1100
Color	① Ebony / Pearl Cosmic Gray (T4) ② Pearl Jade Green / Pearl Alpine White (U7)
VIN Range	JKAZRBC1 ✓YA033001 —
Engine No. Range	ZXT10CE000001 —
Engine No. Location	RH top crankcase, below cylinder

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## Tuning Specifications

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### Engine

Valve Clearance	(Cold)	Intake: 0.13-0.19 mm
		Exhaust: 0.18-0.24 mm
—Adjustment Method		Slide rocker/shim
Compression Pressure		189 psi
Spark Plug		NGK CR9EK or ND U27ETR (USA)
—Gap		.7-.8 mm
Ignition Timing	—Idle	10° BTDC ("F" mark) at 1,000 rpm (US, CN)
		7.5° BTDC ("F" mark) at 1,200 rpm (CA)
	—Full	35° BTDC (in double marks) at 7,700 rpm
Pilot Screw		Sealed—not adjustable
Idle Speed		1000 ±50 rpm (US,CN)
		1200 ±50 rpm (CA)
Engine Oil		SE Class SAE 10W40, 10W50, 20W40, 20W50
—w/Filter Change		3.0 liter
—No Filter Change		2.7 liter

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### Chassis

Fork Oil		SAE 10W
—Capacity		474 cc, each
—Level		124 ±2 mm
Tire Pressure (Cold)		
—Front		2.25 kg/cm <sup>2</sup> 33 psi
—Rear		2.50 kg/cm <sup>2</sup> 36 psi
Drive Chain Slack		30-40 mm (bike unweighted, tightest point, STD)