
General Specifications

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.

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	—1st —2nd —3rd —4th —5th
Primary Ratio	1.64 (95/58)
Final Ratio	2.65 (45/17)
Overall Ratio (Top Gear)	4.49

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 —Rear
Brake Type	—Front —Rear
Brake Size	—Front —Rear
Wheel Travel	—Front —Rear

Model Identification

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

Tuning Specifications

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 —Full
Pilot Screw	10° BTDC ("F" mark) at 1,000 rpm (US, CN) 7.5° BTDC ("F" mark) at 1,200 rpm (CA) 35° BTDC (in double marks) at 7,700 rpm
Idle Speed	Sealed—not adjustable 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

Chassis

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