
General Specifications

Engine

Engine Type	4-stroke, 4-cylinder, DOHC, Liquid cooled, 16-Valve
Displacement	1164 cc
Bore x Stroke	79.0 x 50.4 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	3.0 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	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	2.47 (42/17)
Final Ratio	4.19
Overall Ratio (Top Gear)	

Chassis

Wheelbase	1,465 mm (57.7 in.)
Seat Height	790 mm (31.1 in.)
Ground Clearance	135 mm (5.3 in.)
Dry Weight	491.6 lbs. (US,CN)
Curb Weight	542.3 lbs. (US,CN)
Load Capacity	396 lbs.
Fuel Tank Capacity	19 liter (5.0 gal.)
Tire Size	—Front 120/70-ZR17 Tubeless
—Rear	180/55-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 120 mm
—Rear	123 mm

Model Identification

Year & Model	'01 ZR1200-A1:ZRX 1200R
Color	① Black Pearl / Metallic Blue Violet (QQ) ② Candy Lime Green / Vivid Purple Mica (QN)
VIN Range	JKAZR9A1 ✓1A000001
Engine No. Range	ZRT20AE000001 —
Engine No. Location	RH top crankcase, below carburetor

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	10° BTDC ("F" mark) at 1,000 rpm (US, CN)
	—Full	7.5° BTDC ("F" mark) at 1,200 rpm (CA)
		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

Chassis

Fork Oil	—Capacity	SAE 10W 466-474 cc, each
Tire Pressure (Cold)	—Front	2.5 kg/cm ² 36 psi
	—Rear	2.5 kg/cm ² 36 psi
Drive Chain Slack		30-40 mm (bike unweighted, tightest point, STD)