

General Specifications

Engine	
Engine Type	4-stroke, 4-cylinder, DOHC, Liquid cooled, 16-Valve
Displacement	1,164 cc
Bore x Stroke	79.0 x 59.4 mm
Compression Ratio	10.6:1
Carburetion	Keihin CVK 36 x 4
Ignition System	Battery & Coil (TCBI w/ Digital Advance & K-TRIC)
Cylinder Number Method	Left to Right: 1-2-3-4
Firing Interval/Order	180° /1-2-4-3
Lubrication System	Forced Lube, Wet Sump

Transmission	
Clutch Type	Wet, Multi-disc, Manual
Transmission	6-speed, Return shift
Gear Ratios	—1st 2.733 (41/15)
	—2nd 1.947 (37/19)
	—3rd 1.590 (35/22)
	—4th 1.333 (32/24)
	—5th 1.153 (30/26)
	—6th 1.035 (29/28)
Primary Ratio	1.637 (95/58)
Final Ratio	2.588 (44/17)
Overall Ratio (Top Gear)	4.390

Chassis	
Wheelbase	59.3 in.
Seat Height	31.5 in.
Ground Clearance	5.1 in.
Dry Weight	520 lb.
Curb Weight	Front 291 lbs., Rear 306 lbs.
Max Recom Load	N/A
Fuel Tank Capacity	6.1 gal.
Tire Size	—Front 120/70ZR17 Tubeless
	—Rear 180/55ZR17 Tubeless
Brake Type	—Front Dual Hydraulic Disc
	—Rear Single Hydraulic Disc
Brake Size	—Front 288 mm Effective Diameter
	—Rear 217 mm Effective Diameter
Wheel Travel	—Front 120 mm
	—Rear 120 mm

Model Identification

Year & Model	'04 ZX1200-C3:ZZR1200
Color	① Candy Thunder Blue (235) ② Moonlight Silver (473)
VIN Range	JKAZX9C1 ✓4A015001 —
Engine No. Range	ZXT20CE000001—

Tuning Specifications

Engine	
Valve Clearance (Cold)	Intake: 0.13-0.19 mm Exhaust: 0.18-0.24 mm
—Adjustment Method	Shim over bucket
Compression Pressure	183 psi
Fuel	Min 95 Research/90 Avg. Oct. Unleaded OK
Spark Plug	NGK CR9E
—Gap	.7-.9 mm
Ignition Timing	—Idle 10° @ 1,000 rpm
	—Full 47.6° @7,000 rpm
Idle Speed	1000 rpm ±50
Engine Oil	SAE 10W40 API SE, SF or SG (or SH, SJ with JASO MA)
	—Capacity 4.4 qt.
	—Level On center stand, wait 5 min, middle of window
Coolant	—Capacity 3.4 qt.
	—Level Level with radiator filler neck.

Chassis	
Fork Oil	KHL 15-10 SAE 0W
—Capacity	13.7 - 14.0 fl. oz.
Tire Pressure (Cold)	
—Front	2.90 kg/cm ² (41 psi)
—Rear	2.90 kg/cm ² (41 psi)

Electrical	
Battery	12V 14AH
Headlight	12V 60/55W x 2
Taillight/Stoplight	12V 5/21W x 2