
General Specifications

Engine

Engine Type	4-stroke, 4-cylinder, DOHC, Liquid cooled, 16-Valve
Displacement	998 cc
Bore x Stroke	76 x 55 mm
Compression Ratio	12.7:1
Carburetion	FI w/43mm Throttle Bodies
Ignition System	TCBI w/ Digital Advance
Cylinder Number Method	Left to Right: 1-2-3-4
Firing Interval/Order	1-2-4-3
Lubrication System	Forced Lube, Wet Sump

Transmission

Clutch Type	Wet, Multi-disc, Manual
Transmission	6-speed, Return shift
Shift Pattern (Bottom-up)	1-N-2-3-4-5-6 (w/Neutral Finder)
Gear Ratios	2.533 (38/15)
—1st	2.053 (39/19)
—2nd	1.737 (33/19)
—3rd	1.524 (32/21)
—4th	1.381 (29/21)
—5th	1.304 (30/24)
—6th	1.611 (87/54)
Primary Ratio	2.294 (39/17)
Final Ratio	4.821
Overall Ratio (Top Gear)	

Chassis

Wheelbase	1385mm (54.5 in.)
Seat Height	825mm (32.5 in.)
Ground Clearance	125mm (4.9 in.)
Dry Weight	170 kg. (224.9 lb.)
Curb Weight	Front 102 kg. (224.9 lbs.) Rear 94 kg. (207.2 lbs.)
Fuel Tank Capacity	17 L (4.5 gal.)
Tire Size	—Front 120/70ZR17 Tubeless —Rear 190/50ZR17 Tubeless
Brake Type	—Front Dual Disc —Rear Single Disc
Brake Size	—Front 268 mm Effective Diameter —Rear 184 mm Effective Diameter
Wheel Travel	—Front 120 mm —Rear 125 mm

Model Identification

Year & Model	'05 ZX1000-C2:ZX-10R
Color	1. Lime Green (777) 2. Metallic Flat Raw Titanium (725) 3. Pearl Magma Red (724)
VIN Range	JKAZXCC1 ✓50020001 —
Engine No. Range	ZXT00CE000001—

Tuning Specifications

Engine

Valve Clearance (Cold)	Intake: 0.13-0.19 mm Exhaust: 0.17-0.22 mm
—Adjustment Method	Shim over bucket
Compression Pressure	228 psi
Fuel	Min 95 Research/90 Avg. Oct. Unleaded OK
Spark Plug	NGK CR9EIA-9
Ignition Timing —Idle	10° @ 1,100 rpm
Idle Speed	1000 rpm ±50
Engine Oil	SAE 10W40 API SE, SF or SG (or SH, SJ with JASO MA)
—w/Filter Change	3.0 L (3.2 U.S. qt.)
—No Filter Change	2.7 L (2.9 U.S. qt.)
—Level	On center stand, wait 5 min, middle of window
Coolant —Capacity	2.5 L (2.6 U.S. qt.)
—Level	Level with radiator filler neck.

Chassis

Fork Oil	KHL 15-10 (SAE 0W)
—Capacity	561 - 569cc
Tire Pressure (Cold)	
—Front	36 psi
—Rear	42 psi

Electrical

Battery	12V 10AH
Headlight	12V 55W x 2