
General Specifications

Engine

Engine Type	4-stroke, 4-cylinder, DOHC, Air Cooled, 8-Valve
Displacement	738 cc
Bore x Stroke	66.0 x 54.0 mm
Compression Ratio	9.5:1
Carburetor	Keihin CVKD32(4)with TPS
Ignition System	12 V Battery & Coil, Transistorized Breakerless
Ignition Advance	Digital
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	2.6 liters

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 2.33 (35/15)
—2nd	1.63 (31/19)
—3rd	1.27 (28/22)
—4th	1.04 (26/25)
—5th	0.88 (21/24)
Primary Ratio	2.55 (27/23 x 63/29)
Final Ratio	2.38 (38/16)
Overall Ratio (Top Gear)	5.30

Chassis

Wheelbase	57.3 inches
Seat Height	31.5 inches
Ground Clearance	5.1 inches
Dry Weight	445.4 lbs.
Curb Weight	502.7 lbs.
Max Load	401 lbs.
Fuel Tank Capacity	5.8 gal.
Tire Size	—Front 120/70-ZR17 Tubeless
—Rear	160/60-ZR17 Tubeless
Brake Type	—Front Dual Disc
—Rear	Single Disc
Brake Size	—Front 272 mm Effective Diameter
—Rear	212 mm Effective Diameter
Wheel Travel	—Front 130 mm
—Rear	130 mm

Model Identification

Year & Model	'00 ZR750-F2:ZR-7
Color	① Candy Lightning Blue (E1)
VIN Range	JKAZRDF1 ✓YA011001 —
Engine No. Range	KZ750EE150001 —
Engine No. Location	RH top crankcase, below cylinder

Tuning Specifications

Engine

Valve Clearance	(Cold)	Intake: .08 - .18 mm
		Exhaust: .08 - .18 mm
	—Adjustment Method	Shim under bucket
Compression Pressure		156 psi
Spark Plug		NGK DR9EA
	—Gap	.6 - .7 mm
Ignition Timing	—Idle	12.5° BTDC at 1,100 rpm (US, CN)
		12.5° BTDC at 1,300 rpm (CA)
	—Full	37.5° BTDC (in double marks) at 9,000 rpm
Idle Speed		1050-1150 ±50 rpm (US,CN)
		1250-1350 ±50 rpm (CA)
Engine Oil		SE, SF or SG Class SAE 10W40
	—w/Filter Change	3.5 liter
	—No Filter Change	3.0 liter
	—Level	On center stand, wait 5 min, middle of window

Chassis

Fork Oil		10W
	—Capacity	488 cc
Tire Pressure (Cold)		
	—Front	2.50 kg/cm ² 36 psi
	—Rear	2.50 kg/cm ² 36 psi