
General Specifications

Engine

Engine Type	4-stroke, 4-cylinder, DOHC, Liquid cooled, 16-Valve
Displacement	1043 cc
Bore x Stroke	77.0 x 56.0 mm
Compression Ratio	11.8:1
Carburetor	EFI Keihin 38mm Throttle Bodies x 4
Ignition System	TCBI, Digital Advance
Cylinder Number Method	Left to Right: 1-2-3-4
Firing Order	1-2-4-3
Fuel	Min 90 Avg. Oct. Unleaded
Coolant	50% distilled water /50% ethylene glycol base antifreeze.
—Capacity	2.9 liter (3.1 qt.)

Transmission

Clutch Type	Wet, Multi-disc
Transmission	6-speed, Return shift
Shift Pattern(Bottom up)	1-N-2-3-4-5-6 (w/Neutral Finder)
Gear Ratios	—1st 2.600 (39/15)
—2nd	1.950 (39/20)
—3rd	1.600 (24/15)
—4th	1.389 (25/18)
—5th	1.238 (26/21)
—6th	1.136 (25/22)
Primary Ratio	1.627 (83/51)
Overall Ratio (Top Gear)	5.178

Chassis

Wheelbase	1,440 mm (56.7 in.)
Seat Height	815 mm (32.1 in.)
Ground Clearance	140 mm (5.5 in.)
Curb Weight	218 kg (480.7 lbs.)
Front	111 kg (244.8 lbs.)
Rear	107 kg (235.8 lbs.)
Fuel Tank Capacity	15.0 L (4.0 gal.)
Tire Size	—Front 120/70 ZR17
—Rear	190/50 ZR17
Brake Type	—Front Dual Hydraulic Disc
—Rear	Single Hydraulic Disc
Brake Size	—Front 267 mm Effective Diameter
—Rear	214 mm Effective Diameter
Wheel Travel	—Front 120 mm (4.7 in.)
—Rear	138 mm (5.4 in.)

Model Identification

Year & Model	'10 ZR1000DAF: Z1000
Colors	1. Metallic Spark Black (660) 2. Pearl Stardust White (25Y)
VIN Range	JKAZRCD1✓AA000001 ~
Engine No. Range	ZRT00DE000001 ~
Engine No. Location	RH side crankcase

Tuning Specifications

Engine

Valve Clearance (cold)	Intake: 0.15-0.24 mm Exhaust: 0.22-0.31 mm
—Adjustment Method	Shim under bucket
Compression Pressure	214 psi
Spark Plug	NGK CR9EIA-9
—Gap	0.8-0.9 mm
Ignition Timing—Idle	10° BTDC @ 1,100 rpm
—Full	40.2° BTDC @ 5,200 rpm
Idle Speed	1100 rpm ±50
Engine Oil	SAE 10W40 API SG, or SH, SJ, SL or SM with JASO MA
—w/Filter Change	4.0 liter (4.2 qt.)
—Level	On center stand, wait 5 min., middle of window

Chassis

Fork Oil	SHOWA SS47 SAE 10W
—Capacity	432 cc (14.6 fl. oz.)
Tire Pressure (Cold)	—Front 36 psi
—Rear	42 psi
Drive Chain Slack	20-30 mm (0.8 - 1.2 in)