

General Specifications

Engine	
Engine Type	4-stroke, V-type, 2-cylinder, SOHC, Liquid cooled, 8-valve, Counterbalancer
Displacement	1470 cc
Bore x Stroke	102.0 x 90.0 mm
Compression Ratio	8.6:1
Carburetor	Keihin CVK40, Constant velocity, Diaphragm-type, K-TRIC
Ignition System	12 V Battery & Coil, Transistorized Breakerless
Ignition Advance	Electronic
Crankshaft Rotation	Clockwise from RH side
Firing Interval/Order	1/2
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	2.3 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	2.50 (40/16)
—1st	1.59 (35/22)
—2nd	1.192 (31/26)
—3rd	0.965 (28/29)
—4th	0.781 (25/32)
—5th	1.517 (85/56)
Primary Ratio	2.62 (15/21 x 33/9)
Final Ratio	3.105
Overall Ratio (Top Gear)	

Chassis

Wheelbase	1660 mm
Seat Height	700 mm
Ground Clearance	125 mm
Dry Weight	292 kg (US) 292.5 kg (CA)
Curb Weight	310 kg (US) 310.5 kg (CA)
Max Recom Load	180 kg
Fuel Tank Capacity	16.0 liter
Tire Size	—Front 130/90-16 67H
—Rear	150/80-16 71H
Brake Type	—Front Single Disc
—Rear	Single Disc
Brake Size	—Front 272 mm Effective Diameter
—Rear	236 mm Effective Diameter
Wheel Travel	—Front 150 mm
—Rear	87 mm

Model Identification

Year & Model	'01 VN1500-E4:VULCAN 1500 CLASSIC
Colors	① Luminous Vintage Red/Pearl Luster Beige (SI) ② Metallic Dark Bronze/Metallic Champagne Gold (XI)
VIN Range	JKBVNAE1✓1A101001 -
Engine No. Range	VNT50AE000031 — ?
Engine No. Location	RH top crankcase, below carburetor

Tuning Specifications

Engine

Valve Clearance		Automatic lash adjusters (hydraulic)
—Adjustment Method		13.0 kg/m ² at 300 rpm
Compression Pressure		STD NGK DPR5EA-9
Spark Plug		OPTION NGK DPR6EA-9
—Gap		0.8 - 0.9 mm
Ignition Timing	—Idle	0° BTDC ("F" mark) at 800 rpm
	—Full	N/A
Pilot Screw		Sealed — not adjustable
Idle Speed		800 ±50 rpm
Engine Oil		SAE SE, SF, or SG 10W40
—w/Filter Change		3.5 liter
—No Filter Change		3.4 liter
—Level		On center stand, wait 5 min, middle of window

Chassis

Fork Oil	SAE 10W20
Capacity	465 cc (dry) Level 137mm
Tire Pressure (Cold)	
—Front	2.0 kg/cm ²
—Rear (Normal)	2.0 kg/cm ² (0-97.5 kg) (28 psi)
—Rear (Heavy)	2.25 kg/cm ² (97.5-180 kg) (36 psi)
Final Gear Case Oil	
— Above 5°C	API GL-5 SAE 90
— Below 5°C	API GL-5 SAE 80
— Capacity	0.2 liter
— Level	Mcy vertical, to bottom thread of filler cap hole

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