

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	9.0:1
Carburetor	Fuel Injection (36x2 Throttle Bore)
Ignition System	TCBI
Ignition Advance	Digital
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	1655 mm (65.2 in.)
Seat Height	740 mm (29.1 in.)
Ground Clearance	125 mm
Dry Weight	303 kg
Curb Weight	322 kg (US), 347.5 kg (CA)
Max Recom Load	N/A
Fuel Tank Capacity	16.0 liter
Tire Size	130/90-16 67H
—Front	150/80-16 71H
—Rear	Single Disc
Brake Type	Single Disc
—Front	Single Disc
—Rear	272 mm Effective Diameter
Brake Size	242 mm Effective Diameter
—Front	150 mm
—Rear	100 mm
Wheel Travel	
—Front	
—Rear	

Model Identification

Year & Model	'00 VN1500-J2:VULCAN 1500 DRIFTER
Colors	① Deep Turquoise Green (1M) ② Pearl Burnish Beige (X8)
VIN Range	JKBVNAJ1✓YA010001 -
Engine No. Range	VNT50AE000031 — ?
Engine No. Location	RH top crankcase, below carburetor

Tuning Specifications

Engine

Cylinder Head Torque				
0 = Step	—Nuts	In sequence:	① 10 mm 4.0 kg-m ③ Warm up	② 8 mm 2.4 kg-m ④ Retorque cold
Valve Clearance	0.0 mm			
—Adjustment Method	Automatic lash adjusters (hydraulic)			
Compression Pressure	73 psi at 300 rpm			
Spark Plug	STD NGK DPR6EA-9 OPTION NGK DPR7EA-9 ND X22EPR-U9			
—Gap	0.8 - 0.9 mm			
Ignition Timing	—Idle —Full			
	5° BTDC ("F" mark) at 950 rpm 27° @ 3,750 rpm			
Pilot Screw	Sealed — not adjustable			
Idle Speed	800 ± 50 rpm			
Engine Oil	SAE SE, SF, or SG 10W40			
—w/Filter Change	4.0 liter			
—No Filter Change	3.5 liter			
—Level	On center stand, wait 5 min, middle of window			

Chassis

Fork Oil	SAE 5W20
Capacity	419 cc
Tire Pressure (Cold)	
—Front	2.0 kg/cm ²
—Rear (Normal)	2.5 kg/cm ² (36 psi)
—Rear (Heavy)	2.8 kg/cm ² (41 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