
General Specifications

Engine

Engine Type	4-stroke, V-type, 2-cylinder, SOHC, Liquid cooled, 8-valve, Counterbalancer
Displacement	805 cc
Bore x Stroke	88.0 x 66.2 mm
Maximum Torque	6.6 kg-m at 3,500 rpm
Carburetor	Keihin CKv36 Constant velocity, Diaphragm-type
Ignition System	TCBI with Digital Advance
Ignition Advance	Electronic
Crankshaft Rotation	Clockwise from RH side
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	2.4 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	2.53 (38/15)
—1st	1.65 (33/20)
—2nd	1.23 (32/26)
—3rd	1.00 (29/29)
—4th	0.86 (24/28)
—5th	2.184 (83/38)
Primary Ratio	4.405
Overall Ratio (Top Gear)	

Chassis

Wheelbase	1,615 mm
Seat Height	760 mm
Dry Weight	248 kg (US) 248.5 kg (CA)
Curb Weight	267 kg (US) 267.5 kg (CA)
Max Recom Load	N/A
Fuel Tank Capacity	15 liter
Tire Size	—Front 130/90-16 BS
—Rear	140/90-16 BS
Brake Type	—Front Single Hydraulic Disc
—Rear	Single Disc
Brake Size	—Front 272 mm Effective Diameter
—Rear	242 Effective Diameter
Wheel Travel	—Front 5.9 in.
—Rear	4.1 in.

Model Identification

Year & Model	'00 VN800-C2:VULCAN 800 DRIFTER
Colors	① Pearl Burnish Beige (X8) ② Sky Blue (Q5)
VIN Range	JKBVNCC1✓YA007001 ~
Engine No. Range	VN800AE000001 — ?
Engine No. Location	RH top crankcase, below carburetor

Tuning Specifications

Engine

Valve Clearance	Intake: 0.10 0.15 mm
	Exhaust: 0.20 ~ 0.25 mm
—Adjustment Method	Measure between rocker arm and shim
Compression Pressure	176 psi
Spark Plug	NGK CR7E
—Gap	.7-.8 mm
Ignition Timing	—Idle 5.0 BTDC @ 1,000 RPM
—Full	35 BTDC @ 5,000 RPM
Pilot Screw	Sealed—not adjustable
Idle Speed	1100 ±50 rpm
Engine Oil	SE Class SAE 10W40, 10W50, 20W40, 20W50
—w/Filter Change	2.9 L
—No Filter Change	2.7 L
—Level	On center stand, wait 5 min, middle of window

Chassis

Fork Oil	SAE 10W
—Capacity	385 cc dry
—Level	213
Fork Air Pressure (Cold)	0.0 kg/cm ² , max 2.5 kg/cm ²
Tire Pressure (Cold)	—Front 2.0 kg/cm ² 29 psi
—Rear (Normal)	2.0 kg/cm ² (0-97.5 kg) 29psi
—Rear (Heavy)	2.25 kg/cm ² (97.5-180 kg) 33 psi