
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
Fuel Injection	Mitsubishi 36 x 2
Ignition System	12 V Battery & Coil, Transistorized Breakerless
Lubrication System	Forced Wet Sump
Crankshaft Rotation	Clockwise from RH side
Firing Interval/Order	1/2
Cylinder Material	Aluminum alloy with ferrous sleeves
Fuel	Min 95 Research/90 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	—1st 2.50 (40/16)
—2nd	1.59 (35/22)
—3rd	1.192 (31/26)
—4th	0.965 (28/29)
—5th	0.781 (25/32)
Primary Ratio	1.517 (85/56)
Final Ratio	2.62 (15/21 x 33/9)
Overall Ratio (Top Gear)	3.105

Chassis

Wheelbase	65.6 in.
Seat Height	27.6 in.
Ground Clearance	4.9 in.
Dry Weight	659 lb. (US) 660 lb. (CA)
Curb Weight	716 lb.
Fuel Tank Capacity	5.0 gal.
Rake Angle	32°
Tire Size	—Front 130/90-16 71H
—Rear	150/80-16 71H
Brake Type	—Front Single Disc
—Rear	Single Disc
Brake Size	—Front 300 mm Effective Diameter
—Rear	270 mm Effective Diameter
Wheel Travel	—Front 150 mm
—Rear	94 mm

Model Identification

Year & Model	'00 VN1500-N1:VULCAN 1500 CLASSIC Fi
Colors	① Black Pearl (B5) ② Candy Persimmon Red (A5)
VIN Range	JKBVNAN1✓YA000001 -
Engine No. Range	VNT50AE000031 —
Engine No. Location	RH top crankcase, below carburetor

Tuning Specifications

Engine

Valve Clearance	0.0 mm
—Adjustment Method	Automatic lash adjusters (hydraulic)
Spark Plug	STD NGK DPR6EA-9, ND NDX20EPR-9
—Gap	0.8 - 0.9 mm
Ignition Timing	—Idle 5° BTDC ("F" mark) at 950 rpm
—Full	CA - 0° @ 1,000 rpm 25° @ 4,500 rpm
Pilot Screw	Sealed — not adjustable
Idle Speed	800 ± 50 rpm
Engine Oil	SAE SE, SF, or SG 10W40
—w/Filter Change	2.7 liter
—No Filter Change	2.5 liter
—Level	On center stand, wait 5 min, middle of window

Chassis

Fork Oil	SAE 10W20
Capacity	465-470 cc
Tire Pressure (Cold)	—Front 2.0 kg/cm ² (29 psi)
—Rear (Normal)	2.8 kg/cm ² (0-97.5 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

Electrical

Battery	12V18AH
Headlight	12V, 60/55W
Tail/Stoplight	12V, 5/21W x 2