

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 40 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	1.75 (35/20)
	—3rd	1.33 (32/24)
	—4th	1.074 (29/27)
	—5th	0.867 (26/30)
Primary Ratio	1.517 (85/56)	
Final Ratio	2.62 (15/21 x 33/9)	
Overall Ratio (Top Gear)	3.445	
Chassis		
Wheelbase	67.1 in.	
Seat Height	27.6 in.	
Ground Clearance	4.9 in.	
Dry Weight	637 lb.	
Curb Weight	697 lb.	
Fuel Tank Capacity	4.5 gal.	
Rake Angle	32°	
Tire Size	—Front	130/70-R17
	—Rear	170/60-R17
Brake Type	—Front	Dual Disc
	—Rear	Single Disc
Brake Size	—Front	293 mm Effective Diameter
	—Rear	272 mm Effective Diameter
Wheel Travel	—Front	150 mm
	—Rear	87 mm

Model Identification	
Year & Model	'03 VN1500-P2:VULCAN 1500 MEAN STREAK
Colors	① Black Pearl (B5) ② Metallic Midnight Purple (3F) ③ Metallic Phantom Silver (GU) ④ Passion Red (234)
VIN Range	JKBVNAP1✓3A012001 -
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)
Compression Pressure	50-85 psi @300 rpm
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 25° BTDC ("F" mark) at 4,500 rpm
Idle Speed	800 ±50 rpm
Engine Oil	API SE, SF, or SG (SH or SJ with JASOMA) 10W40
	—w/Filter Change 3.1 L (3.3 qt.)
	—No Filter Change 2.9 L (3.1 qt.)
	—Level On center stand, wait 5 min, middle of window
Chassis	
Fork Oil	SAE 10W20
Capacity	Left 600 cc; Right 506 cc
Tire Pressure (Cold)	
—Front	36 psi
—Rear (Normal)	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