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## General Specifications

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### 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

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### 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	1.75 (35/20)
—2nd	1.33 (32/24)
—3rd	1.074 (29/27)
—4th	0.867 (26/30)
—5th	1.517 (85/56)
Primary Ratio	2.62 (15/21 x 33/9)
Final Ratio	3.445
Overall Ratio (Top Gear)	

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### 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 Single Disc
—Rear	Single Disc
Brake Size	—Front 293 mm Effective Diameter
—Rear	272 mm Effective Diameter
Wheel Travel	—Front 150 mm
—Rear	87 mm

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## Model Identification

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Year & Model	'02 VN1500-P1:VULCAN 1500 MEAN STREAK
Colors	① Candy Gold Spark (217) ② Pearl Mystic Black (218)
VIN Range	JKBVNAP1✓2A000001 -
Engine No. Range	VNT50AE000031 —
Engine No. Location	RH top crankcase, below carburetor

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## Tuning Specifications

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### Engine

Valve Clearance	0.0 mm
—Adjustment Method	Automatic lash adjusters (hydraulic)
Compression Pressure	N/A
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	N/A
—No Filter Change	N/A
—Level	On center stand, wait 5 min, middle of window

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### 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

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### Electrical

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