

2006
VIGILANTE GUNFIRE
SPECIFICATIONS

DIMENSIONS

Overall Length	103.5 in
Wheelbase	77.0 in
Ground Clearance	4.75 in
Seat Height	21.5 in
Rake	43 deg
Dry Weight	590 lbs
GVWR	1100 lbs
Fuel Capacity	4.25 gal

DRIVETRAIN

Engine Type	45 deg V-twin, air cooled, 4-stroke
Displacement	111 in ³ (117 in ³ , 124 in ³ , 120 in ³ , 125 in ³ , and 128 in ³ available)
Bore x Stroke	111 in ³ : 4.125 in x 4.125 in, 117 in ³ : 4.125 in x 4.375 in, 124 in ³ : 4.125 in x 4.625 in, 120 in ³ : 4.250 in x 4.250 in, 125 in ³ : 4.250 in x 4.400 in, 128 in ³ : 4.250 in x 4.500 in
Compression Ratio	111 in ³ : 9.7:1, 117 in ³ : 10.2:1, 124 in ³ : 10.8:1 120 in ³ : 10.25:1, 125 in ³ : 10.25:1, 128 in ³ : 10.25:1
Valve Train	Adjustable pushrods, hydraulic lifters, roller rocker arms, 2 valves per cylinder
Fuel Delivery	S&S Super G carburetor (45mm flat slide Mikuni carburetor on Patrick Racing engines)
Primary Drive	Double row chain
Clutch	Wet, 9 plate
Transmission	6-speed, overdrive, constant mesh
Final Drive	150 tooth belt, kevlar reinforced

SUSPENSION

Front Suspension	Inverted telescopic fork, 56mm diameter, 4.5 in travel
Rear Suspension	Nitrogen charged mono-shock, steel tube swingarm, 3.5 in travel

BRAKES

Front Brake	11.5 in stainless rotor, 4-piston billet aluminum caliper
Rear Brake	11.5 in stainless rotor, 4-piston billet aluminum caliper, drive side

WHEELS/TIRES

Front Wheel	21 in x 3.5 in forged 6061-T6 aluminum
Rear Wheel	18 in x 10.5 in forged 6061-T6 aluminum
Front Tire	120/70-21
Rear Tire	300/35VR18

ELECTRICAL

Battery	12 volts/19 amp hours
Charging System	32 amps max output
Indicator Lights	Oil pressure, neutral, high beam, turn signal

