



E-TON Viper 90 Silver Series ATV Specifications

Engine

Type	Four cycle air cooled (EPA Compliant) SOHC
Displacement	88.4 cc
Bore/ Stroke	φ47.0 * 51.0mm
Compression Ratio/ Pressure	10.6 : 1/ 120-140 psi
Torque/ BHP	6.5N ms @ 6500 rpm / 7.0 BHP
EPA Approved	Meets or exceeds EPA clean air requirements
Starting	Electrical starter with kick start backup
Spark Plug	NGK CR7HSA/NGK (Recommended), 0.6-0.7mm Gap

Transmission

Type	Automatic (C.V.T. V-Belt)
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Chassis

Overall Length/ Width/ Height	1500mm / 59.1" – 850mm / 33.5" – 900mm / 35.4"
Wheel Base	930 mm / 36.6"
Seat Height	680 mm / 26.8"
Ground Clearance	120mm / 4.7"
Dry Weight	113kg / 249.1 lbs

Suspension

Front	Swing A-Arm with Adjustable Shocks
Rear	Swing Arm with Adjustable Shocks

Brakes

Front	Dual mechanical drum
Rear	Hydraulic Disc

Tires

Front			18/7-8
Rear			18/9-8
Tire Pressure	Front	Min	5.0 psi / 0.35 kg/cm2
		Max	5.0 psi / 0.35 kg/cm2
	Rear	Min	5.0 psi / 0.35 kg/cm2
		Max	5.0 psi / 0.35 kg/cm2

Wheels

Bolt Pattern	Front	4 x 110mm (P.C.D.)
	Rear	4 x 110mm (P.C.D.)

Carburetor		
Make/ Size		TK SVR 22mm (Manual Choke)
Main Jet		1.00 mm
Pilot Jet		0.32 mm
Air Mixture Adjustment		Back out 1 ½ - 1 ¾ turns
Idle Speed		Idle 1700 – 1900 rpm
Sprockets		
Front		520 x 13t
Rear		520 x 28t
Chain		#520
Battery		
Jell Acid (Maintenance Free)		12 V – 4AH/5AH – GTX5L
Main Fuse		7Amp
Fluids		
Fuel	Type	Unleaded Gasoline 89 octane
	Volume	4.5 liters / 1.2 gal
Engine Oil	Type	SAE 20W-40
	Volume	0.8 liters / 0.84 qt
Transmission	Type	SAE 80W/90
	Volume	300 cc / 10.2 oz
Safety Features		
Safety Tether Switch		N/A
Remote Stop Switch		Optional Equipment
Enclosed Foot Rest Area		Standard Equipment
Enclosed Engine Compartment		N/A
Carrying Capacity		
Maximum Rider Weight		70 kg / 154 lbs
Minimum Rider Age		12 years