



2005-07 VIPER 70 ATV Specifications

(Model No. RXL-70)			
Engine			
Type		Two cycle air cooled	
Displacement		68.0cc	
Bore / Stroke		φ47.0 * 39.2mm	
Compression Ratio / Pressure		8.3 : 1 / 90-100psi	
Torque / BHP		6.3N m @ 6000rpm / 6.0BHP	
Starting		Electrical with Kick starter back up	
Transmission			
Type		Automatic (C.V.T. V-Belt)	
Chassis			
Overall Length		1470mm / 57.9"	
Overall Width		850mm / 33.5"	
Overall High		830mm / 32.7"	
Wheel Base		930mm / 36.1	
Seat Height		650mm / 25.5"	
Ground Clearance		127mm / 5"	
Dry Weight		108kg / 238lbs	
Suspension			
Front		Independent Front A-arm with Adjustable Shocks	
Rear		Swing Arm Shock with Adjustable Shock	
Brakes			
Front		Dual Mechanical drum	
Rear		Hydraulic Disc	
Tires			
Front		16/8-7	
Rear		16/8-7	
Tire Pressure	Front	Min	3.2psi / 0.23kg/cm2
		Max	4.0psi / 0.28kg/cm2
	Rear	Min	3.2psi / 0.23kg/cm2
		Max	4.0psi / 0.28kg/cm2

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Wheels		
Bolt Pattern		4 x 110mm
Carburetor		
Make/Size		SW 18mm (Manual Coke)
Main Jet		85mm
Pilot Jet		20mm
Air Mixture Adjustment		Back out 3/4 - 1 1/4 turns
Idle Speed		Idle 1700 - 1900rpm
Sprockets		
Front		520x15t
Rear		520x28t
Chain		#520
Battery		
Jell Acid (Maintenance Free)		12V-4AH/5AH - GTX5L
Main Fuse		7Amp
Fluids		
Fuel	Type	Unleaded Gasoline 89 octane
	Volume	4.5liters / 1.2gal
Engine Oil	Type	High grade synthetic 2 cycle oil
	Volume	1.0liters / 1gt
Transmission	Type	SAE 80/90 weight
	Volume	100cc / 3.4oz
Spark Plug		
NGK		BPR7HS
Nipendenso		W22FRP-U
Champion		QL82YC
	Electrode Gap	0.6-0.7mm / 0.023"
Safety Features		
Remote Control Stop/Start		Optional Kit
Safety Tether Switch		Standard equipment
Enclosed Foot Rest Area		Standard equipment
Enclosed Engine compartment		N/A
Maximum Rider Weight		68.2kg / 190lb
Minimum Rider Age		6 years
Available Colors *subject to availability		Red
		Blue
		Yellow
		Black / Yellow