



2006  
EPA Certified  
Four Cycle

## 2006 Viper 150R ATV Specifications

			(Model No. RXL-150R)
Engine			
Type			Four cycle Air / Oil cooled (EPA Compliant) SOHC
Displacement			149.56 cc
Bore / Stroke			φ57.4 * 57.8mm
Compression Ratio / Pressure			9.7 : 1 / 150-190psi
Torque / BHP			10.6N m @ 7500rpm / 10.0BHP
EPA Compliant			Meet or exceeds EPA clean air requirements & CA Green Sticker
Starting			Electrical with Kick starter back up
Transmission			
Type			Automatic (C.V.T. V-Belt)
Chassis			
Overall Length			1730mm / 68.1"
Overall Width			980mm / 38.6"
Overall High			1070mm / 42.1"
Wheel Base			1115mm / 43.9"
Seat Height			700mm / 26.6"
Ground Clearance			140mm / 5.5"
Dry Weight			172kg / 379lbs
Suspension			
Front			Independent A-arms with Adjustable Shocks @ 3.5" travel
Rear			Swing Arm with Adjustable Shock @ 3.75" travel
Brakes			
Front			Dual Mechanical drum
Rear			Hydraulic Disc
Tires			
Front			21/7-10
Rear			20/11-9
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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<b>Wheels</b>		
Bolt Pattern	Front	4 x 160mm (P.C.D.)
	Rear	4 x 110mm (P.C.D.)
<b>Carburetor</b>		
Make/Size		Kei-Hin with Electric choke
Main Jet		1.12mm
Pilot Jet		0.35mm
Air Mixture Adjustment		Back out 1 - 2 1/2 turns
Idle Speed		Idle 1600 - 1800rpm
<b>Sprockets</b>		
Front		520x12t
Rear		520x34t
Chain		#520 O-Ring
<b>Battery</b>		
Jell Acid (Maintenance Free)		12V-9AH - GTX9
	Main Fuse	10Amp
<b>Fluids</b>		
Fuel	Type	Unleaded Gasoline 89 octane
	Volume	6.5liters / 1.7gal
Engine Oil	Type	SAE 30W
	Volume	1.0liters / 1gt
Transmission	Type	SAE 80/90 weight gear Oil
	Volume	750cc / 25.4oz
<b>Spark Plug</b>		
NGK		C7HSA/NGK
Nipendenso		U22FS-U
Champion		Z9Y (Not recommended)
	Electrode Gap	0.6-0.7mm / 0.023"
<b>Safety Features</b>		
Remote Control Stop/Start		N/A
Safety Tether Switch		N/A
Engine Stop Switch		Standard equipment
Enclosed Foot Rest Area		Standard equipment
Enclosed Engine compartment		N/A
<b>Carrying Capacity</b>		
Rack Capacity	Front	N/A
	Rear	(Optional)
Towing Capacity	Trailer Wgh	150kg / 330lbs <b>(2 Optional kits Available)</b>
	Tongue Wgh	32kg / 70lbs
Maximum Rider Weight		150kg / 300lb
<b>Available Colors</b> *subject to availability		16 years
		<b>Black/Yellow</b>
		<b>Blue</b>