



VIPER 90 ATV Specifications

b		Viper 90 (RXL-90)
Engine		
Type		Two cycle air cooled
Displacement		82.5cc
Bore / Stroke		φ50.0 * 42.0mm
Compression		5.8 : 1
Power		7hp @ 7000rpm
Transmission		
Type		Automatic (C.V.T. V-Belt)
Chassis		
Overall Length		1480mm / 58.3"
Overall Width		830mm / 32.7"
Overall High		900mm / 37.4"
Wheel Base		950mm / 37.4"
Dry Weight		113kg / 249.0lb
Suspension		
Front		Dual A-arm / Adjustable Shocks
Rear		Swing Arm / Adjustable Shock
Brakes		
Front		Dual Mechanical drum
Rear		Hydraulic Disc
Tires		
Front		18*7-8
Rear		18*9-8
Tire Pressure front & rear		7psi Maximum 2psi Minimum (cold)
Wheel		
Bolt Pattern		4 x 110mm

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Carburetor		
Make/Size	Mikuni 18mm (Manual Coke)	
Main Jet	85mm	
Pilot Jet	20mm	
Air Mixture Adjustment	Back out $\frac{3}{4}$ - $1\frac{1}{4}$ turns Idle 1650 - 1800rpm	
Sprockets		
Front	520x15t	
Rear	520x28t	
Chain	#520	
Battery		
		12V-4AH/5AH - GTX5L-BS
Fluids		
Fuel	Type	Unleaded Gasoline 89 octane
	Volume	4.5liters / 1.2gal
2 Cycle Oil	Type	JASO grade Synthetic 2 cycle injector oil
	Volume	1.0liters / 1gt
Transmission	Type	SAE 80/90w
	Volume	100cc / 3.4oz
Spark Plug		
NGK		BPR7HS
Nipendenso		W22FRP-U
Champion (Not Recommended)		QL82YC
	Electrode Gap	0.6-0.7mm / 0.023"
Maximum Rider Weight		68.2kg / 190lb
Minimum Rider Age		12 years