



## 2005-07 Viper 90R ATV Specifications

(Model No. RXL-90R)

<b>Engine</b>																	
Type	Two cycle air cooled																
Displacement	82.5cc																
Bore / Stroke	50.0 * 42.0mm																
Compression Ratio / Pressure	5.8 : 1 / 90-120psi																
Torque / BHP	7N m @ 7500rpm / 7.0BHP																
Starting	Electrical with Kick starter back up																
<b>Transmission</b>																	
Type	Automatic (C.V.T. V-Belt)																
<b>Chassis</b>																	
Overall Length	1500mm / 59.0"																
Overall Width	850mm / 33.5"																
Overall High	900mm / 35.4																
Wheel Base	930mm / 36.1																
Seat Height	670mm / 26.3"																
Ground Clearance	127mm / 5"																
Dry Weight	113kg / 249lbs																
<b>Suspension</b>																	
Front	Independent Front A-arm with Adjustable Shocks																
Rear	Swing Arm Shock with Adjustable Shock																
<b>Brakes</b>																	
Front	Dual Mechanical drum																
Rear	Hydraulic Disc																
<b>Tires</b>																	
Front	18/7-8																
Rear	18/9-8																
Tire Pressure	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 10%; text-align: center;">Front</td> <td style="width: 10%; text-align: center;">Min</td> <td style="padding: 5px;">3.2psi / 0.23kg/cm2</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">Max</td> <td style="padding: 5px;">4.0psi / 0.28kg/cm2</td> </tr> <tr> <td></td> <td style="text-align: center;">Rear</td> <td style="text-align: center;">Min</td> <td style="padding: 5px;">3.2psi / 0.23kg/cm2</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">Max</td> <td style="padding: 5px;">4.0psi / 0.28kg/cm2</td> </tr> </table>		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	4 x 110mm																

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## Carburetor

Make/Size	SW 18mm (Manual Coke)
Main Jet	85mm
Pilot Jet	20mm
Air Mixture Adjustment	Back out ¾ - 1¼ 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	300cc / 10.2oz

## 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 (Stop Only)
Safety Tether Switch	Optional
Enclosed Foot Rest Area	Standard equipment
Enclosed Engine compartment	N/A
Maximum Rider Weight	68.2kg / 190lb
Minimum Rider Age	12 years

## Available Colors

\*subject to availability

Red
Blue
Yellow
Black / Yellow