



## 2005 Viper 40E Specifications

(Model No. RXL-40E)

<b>Engine</b>			
Type	Two cycle air cooled pre mix fuel/oil		
Displacement	41.5cc		
Bore / Stroke	φ40.0 * 33.0mm		
Compression Ratio / Pressure	6.6 : 1 / 130-140psi		
Torque / BHP	2.2N m @ 7000rpm / 2.2BHP		
Starting	Electrical with Pull starter back up		
<b>Transmission</b>			
Type	Single Speed Centrifugal Clutch		
<b>Chassis</b>			
Overall Length	1120mm / 44.0"		
Overall Width	630mm / 24.8"		
Overall High	727mm / 28.6"		
Wheel Base	768mm / 30.2"		
Seat Height	565mm / 22.2"		
Ground Clearance	51mm / 2"		
Dry Weight	64kg / 134lbs		
<b>Suspension</b>			
Front	Independent A-Arms with Shock		
Rear	Swing Arm / Single Shock		
<b>Brakes</b>			
Front	N/A		
Rear	Mechanical Drum		
<b>Tires</b>			
Front	145/70-6		
Rear	145/70-6		
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		Direct attach
<b>Carburetor</b>		
Make/Size		HC 16mm (Manual Coke)
Main Jet		64mm
Pilot Jet		18mm
Idle Speed		Idle 2500rpm
<b>Sprockets</b>		
Front		420x14t
Rear		420x36t
Chain		#420
<b>Battery</b>		
Jell Acid (Maintenance Free)		12V-4AH-GTX4L
	Main Fuse	7Amp
<b>Fluids</b>		
Fuel	Type	Unleaded Gasoline 89 octane
	Volume	3.5 liters / 0.9 gal
Engine Oil	Type	High grade synthetic 2 cycle oil
	Volume	Pre Mix 50 : 1
Transmission	Type	SAE 80/90 weight
	Volume	70cc / 2.4oz
<b>Spark Plug</b>		
NGK		BPM7A
Nipendenso		W22MP-U
Champion		CJ7Y (Not Recommended)
	Electrode Gap	0.6-0.7mm / 0.023"
<b>Safety Features</b>		
Remote Control Stop/Start		Standard equipment
Safety Tether Switch		Standard equipment
Enclosed Foot Rest Area		Standard equipment
Enclosed Engine compartment		Standard equipment
Maximum Rider Weight		36.3kg / 80lbs
Minimum Rider Age		6 years
<b>Available Colors</b>		
*subject to availability		<b>Blue</b>
		<b>Red</b>