



## Sierra ATV Specifications

<b>Sierra DXL-90</b>	
<b>Engine</b>	
Type	Two cycle air cooled
Displacement	82.5cc
Bore / Stroke	φ50.0 * 42.0mm
Compression	5.8 : 1
Power	7.2hp @ 6000rpm
<b>Transmission</b>	
Type	Automatic (C.V.T. V-Belt)
<b>Chassis</b>	
Overall Length	1510mm / 59.4"
Overall Width	860mm / 39.30"
Overall High	950mm / 37.4"
Wheel Base	1040mm / 40.9"
Ground Clearance	130mm / 5.1
Dry Weight	102kg / 224.9lbs
<b>Suspension</b>	
Front	Dual A-arm / Adjustable Shocks
Rear	Swing Arm / Adjustable Shock
<b>Brakes</b>	
Front	Dual Mechanical drum
Rear	Mechanical drum
<b>Tires</b>	
Front	19*7x8
Rear	19*7x8
Tire Pressure front & rear	0.22kg/cm <sup>2</sup> / 3.2psi Maximum (Cold) 0.28kg/cm <sup>2</sup> / 4.0psi Maximum (Cold)
<b>Wheel</b>	
Bolt Pattern	4 x 110mm

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<b>Carburetor</b>		
Make/Size	Mikuni 18mm (Auto Coke)	
Main Jet	85mm	
Pilot Jet	20mm	
Air Mixture Adjustment	Back out $\frac{3}{4}$ - $1\frac{1}{4}$ turns Idle 1600 - 1800rpm	
<b>Sprockets</b>		
Front	520x15t	
Rear	520x28t	
Chain	#520	
<b>Battery</b>		
		12V-4AH/5AH - GTX5L-BS
<b>Fluids</b>		
Fuel	Type	Unleaded Gasoline 89 octane
	Volume	4.5liters / 1.2gal
2 Cycle Oil	Type	High grade synthetic 2 cycle injector oil
	Volume	1.0liters / 1gt
Transmission	Type	SAE 80/90 weight gear Oil
	Volume	100cc / 3.4oz
<b>Spark Plug</b>		
NGK	BPR7HS	
Nipendenso	W22FRP-U	
Champion	QL82YC	
	Electrode Gap	0.6-0.7mm / 0.023"
<b>Maximum Rider Weight</b>		115kg / 250lb
<b>Minimum Rider Age</b>		16 Years