



# 2009 Viper 150R

by E-TON



*Just go there!*

## Viper 150R '09

Blue  
Silver & Black  
Red

Introducing the restyled 2009 E-TON Viper 150R ATV. The largest of the Viper series, the Viper 150R maintains the styling of its companion models while providing the power and size a young adult rider desires. The Viper 150R includes a 149.56cc four-stroke air/oil cooled engine, Automatic C.V.T. belt transmission with forward/reverse shifting, and a U.S. Forest Service-approved spark arrestor. The Viper 150R meets or exceeds EPA clean air requirements and is eligible for the California Green Sticker. Includes full six month limited factory warranty. Designed for riders ages 16 and up.

### Optional Accessories

- Rear carrying rack
- Light duty trailer hitch
- Helmets and apparel available on the web site

ETON AMERICA

[www.etonamerica.com](http://www.etonamerica.com)

<b>Engine</b>			
Type	Four cycle air/oil cooled (EPA Compliant) SOHC		
Displacement	149.56cc		
Bore / Stroke	φ57.4 * 57.8mm		
Compression Ratio / Pressure	9.7 : 1 / 150-190psi		
Torque / BHP	10.6N m @ 7500rpm / 10.0BHP		
EPA Approved	Meet or exceeds EPA clean air requirements and CA Green Sticker		
Starting	Electrical starter with kick start backup		
Spark Plug	NGK C7HSA/NGK (Recommended), 0.6-0.7mm gap		
<b>Transmission</b>			
Type	Automatic (C.V.T. V-Belt) with forward/reverse shift		
<b>Chassis</b>			
Overall Length-Width-Height	1665mm / 65.6" - 1010mm / 39.8" - 1070mm / 42.1"		
Wheel Base	1090mm / 42.9"		
Seat Height	700mm / 26.6"		
Ground Clearance	140mm / 5.5"		
Dry Weight	168 kg / 370 lbs		
<b>Suspension</b>			
Front	Dual A-arm Adjustable Shocks @ 3.5" travel		
Rear	Swing Arm Adjustable Shock @ 3.75" travel		
<b>Brakes</b>			
Front	Dual Mechanical Drum		
Rear	Hydraulic Disc		
<b>Tires</b>			
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
<b>Wheels</b>			
Bolt Pattern	4 x 110mm (P.C.D.)		
<b>Carburetor</b>			
Make/Size	Kei-Hin CVEK-019 26mm with Manual Choke		
Main Jet	1.12mm		
Pilot Jet	0.35mm		
Air Mixture Adjustment	Back out 1 - 2½turns		
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	9.0 liters / 2.4gal	
Engine Oil	Type	SAE 30W	
	Volume	1.0liters / 1.0qt	
Transmission	Type	SAE 80/90 weight gear Oil	
	Volume	750cc / 25.4oz	
<b>Safety Features</b>			
Safety Tether Switch	N/A		
Remote Stop Switch	N/A		
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 / 330 lb (Optional Kit Available)	
	Tongue Wgh	32kg / 70 lbs	
Maximum Rider Weight	150kg / 330 lbs		
Minimum Rider Age	16 years		

