



## 2005-07 Viper 90R ATV Specifications

(Model No. RXL-90R)

### Engine

|                              |                                      |
|------------------------------|--------------------------------------|
| 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 |

### Transmission

|      |                           |
|------|---------------------------|
| Type | Automatic (C.V.T. V-Belt) |
|------|---------------------------|

### Chassis

|                  |                |
|------------------|----------------|
| 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 |

### Suspension

|       |                                                |
|-------|------------------------------------------------|
| Front | Independent Front A-arm with Adjustable Shocks |
| Rear  | Swing Arm Shock with Adjustable Shock          |

### Brakes

|       |                      |
|-------|----------------------|
| Front | Dual Mechanical drum |
| Rear  | Hydraulic Disc       |

### Tires

|               |       |     |                     |
|---------------|-------|-----|---------------------|
| Front         |       |     | 18/7-8              |
| Rear          |       |     | 18/9-8              |
| 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 |

### Wheels

|              |           |
|--------------|-----------|
| Bolt Pattern | 4 x 110mm |
|--------------|-----------|

## 2005-07 Viper 90R ATV Specifications

(Model No. RXL-90R)

### 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 |