



# Viper 90 silver Series

by **E-TON**



*Just go there!*

## Viper 90 Silver Series

Red  
Blue  
Black & Silver  
Pink

Introducing the restyled E-TON Viper 90 Silver Series four-stroke ATV. This Viper includes a 88.4cc four-stroke air-cooled engine, Automatic C.V.T. belt transmission and a U.S. Forest Service-approved spark arrestor. The Viper 90 Silver Series 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 over age 12.

### Optional Accessories

- Remote stop switch
- Hi-Flo fuel line kit
- 3" clear stone fuel filter
- Colored handlebar grips
  - Tire repair kit
  - E-TON safety flag
- Helmets and apparel available on the web site

**ETON AMERICA**

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

| Engine                       |                                                                 |                             |                     |
|------------------------------|-----------------------------------------------------------------|-----------------------------|---------------------|
| Type                         | Four cycle air cooled (EPA Compliant) SOHC                      |                             |                     |
| Displacement                 | 88.4cc                                                          |                             |                     |
| Bore / Stroke                | ø47.0 * 51.0mm                                                  |                             |                     |
| Compression Ratio / Pressure | 10.6 : 1 / 120-140psi                                           |                             |                     |
| Torque / BHP                 | 6.5N ms @ 6500rpm / 7.0BHP                                      |                             |                     |
| EPA Approved                 | Meet or exceeds EPA clean air requirements and CA Green Sticker |                             |                     |
| Starting                     | Electrical starter with kick start backup                       |                             |                     |
| Spark Plug                   | NGK CR7HSA/NGK (Recommended), 0.6-0.7mm Gap                     |                             |                     |
| Transmission                 |                                                                 |                             |                     |
| Type                         | Automatic (C.V.T. V-Belt)                                       |                             |                     |
| Chassis                      |                                                                 |                             |                     |
| Overall Length-Width-Height  | 1500mm / 59.1" - 850mm / 33.5" - 900mm / 35.4"                  |                             |                     |
| Wheel Base                   | 930mm / 36.6"                                                   |                             |                     |
| Seat Height                  | 680mm / 26.8"                                                   |                             |                     |
| Ground Clearance             | 120mm / 4.7"                                                    |                             |                     |
| Dry Weight                   | 113kg / 249.1 lbs                                               |                             |                     |
| Suspension                   |                                                                 |                             |                     |
| Front                        | Swing A-Arm with Adjustable Shocks                              |                             |                     |
| Rear                         | Swing Arm 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                 | Front                                                           | 4 x 110mm (P.C.D.)          |                     |
|                              | Rear                                                            | 4 x 110mm (P.C.D.)          |                     |
| Carburetor                   |                                                                 |                             |                     |
| Make/Size                    | TK SVR 22mm (Manual Choke)                                      |                             |                     |
| Main Jet                     | 1.00mm                                                          |                             |                     |
| Pilot Jet                    | 0.32mm                                                          |                             |                     |
| Air Mixture Adjustment       | Back out 1½ - 1¾ turns                                          |                             |                     |
| Idle Speed                   | Idle 1700 - 1900rpm                                             |                             |                     |
| Sprockets                    |                                                                 |                             |                     |
| Front                        | 520x13t                                                         |                             |                     |
| Rear                         | 520x28t                                                         |                             |                     |
| Chain                        | #520                                                            |                             |                     |
| Battery                      |                                                                 |                             |                     |
| Jell Acid (Maintenance Free) | 12V-4AH/5AH - GTX5L                                             |                             |                     |
|                              | Main Fuse                                                       | 7Amp                        |                     |
| Fluids                       |                                                                 |                             |                     |
| Fuel                         | Type                                                            | Unleaded Gasoline 89 octane |                     |
|                              | Volume                                                          | 4.5 liters / 1.2 gal        |                     |
| Engine Oil                   | Type                                                            | SAE 20W - 40                |                     |
|                              | Volume                                                          | 0.8 liters / 0.84 qt        |                     |
| Transmission                 | Type                                                            | SAE 80W/90                  |                     |
|                              | Volume                                                          | 300cc / 10.2 oz             |                     |
| Safety Features              |                                                                 |                             |                     |
| Safety Tether Switch         | N/A                                                             |                             |                     |
| Remote Stop Switch           | Optional equipment                                              |                             |                     |
| Enclosed Foot Rest Area      | Standard equipment                                              |                             |                     |
| Enclosed Engine compartment  | N/A                                                             |                             |                     |
| Carrying Capacity            |                                                                 |                             |                     |
| Rack Capacity                | N/A                                                             |                             |                     |
| Towing Capacity              | Trailer Wgh                                                     | N/A                         |                     |
|                              | Tongue Wgh                                                      | N/A                         |                     |
| Maximum Rider Weight         | 68.2kg / 190lb                                                  |                             |                     |
| Minimum Rider Age            | 12 years                                                        |                             |                     |



