

2008

E-TON

ATVs





# Viper 70

by E-TON



*Just go there!*

## Viper 70

Cherry Red  
Royal Blue  
Sunlight Yellow  
Black & Yellow  
Peach Blossom Pink

Introducing the 2008 E-TON Viper 70 four-stroke ATV. This Viper includes a 69.3cc four-stroke air-cooled engine, Automatic C.V.T. belt transmission, and a U.S. Forest Service-approved spark arrestor. The 2008 Viper 70 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 6 and up.

### Optional Accessories

- Remote stop switch
- Safety tether 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

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|                              |   |                             |                     |
|------------------------------|---|-----------------------------|---------------------|
| <b>Engine</b>                |   |                             |                     |
| Type                         | Four cycle air cooled (EPA Compliant) SOHC                      |                             |                     |
| Displacement                 | 69.3cc  |                             |                     |
| Bore / Stroke                | φ47.0 * 40mm  |                             |                     |
| Compression Ratio / Pressure | 9.0 : 1 / . 110—130psi  |                             |                     |
| Torque / BHP                 | 4.8N ms @ 6500rpm / 6BHP  |                             |                     |
| EPA Approved                 | Meet or exceeds EPA clean air requirements and CA Green Sticker |                             |                     |
| Starting                     | Electrical starter with kick start backup                       |                             |                     |
| <b>Transmission</b>          |   |                             |                     |
| Type                         | Automatic (C.V.T. V-Belt)                                       |                             |                     |
| <b>Chassis</b>               |   |                             |                     |
| Overall Length-With-Height   | 1480mm / 58.3" - 850mm / 33.5" - 860mm / 33.9"                  |                             |                     |
| Wheel Base                   | 930mm / 36.1"   |                             |                     |
| Seat Height                  | 670mm / 26.4"   |                             |                     |
| Ground Clearance             | 100mm / 3.94"   |                             |                     |
| Dry Weight                   | 112kg / 247lbs  |                             |                     |
| <b>Suspension</b>            |   |                             |                     |
| Front                        | Independent A-arms with Adjustable Shocks                       |                             |                     |
| Rear                         | Swing Arm with Adjustable Shock                                 |                             |                     |
| <b>Brakes</b>                |   |                             |                     |
| Front                        | Dual mechanical drum  |                             |                     |
| Rear                         | Hydraulic Disc  |                             |                     |
| <b>Tires</b>                 |   |                             |                     |
| Front                        | 16/8-7  |                             |                     |
| Rear                         | 16/8-7  |                             |                     |
| 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                 | Front   | 4 x 110mm (P.C.D.)          |                     |
|                              | Rear  | 4 x 110mm (P.C.D.)          |                     |
| <b>Carburetor</b>            |   |                             |                     |
| Make/Size                    | SW 18mm (Manual Choke)  |                             |                     |
| Main Jet                     | 0.95mm  |                             |                     |
| Pilot Jet                    | 0.32mm  |                             |                     |
| Air Mixture Adjustment       | Back out 1½ - 1¼ turns  |                             |                     |
| Idle Speed                   | Idle 1700 - 1900rpm   |                             |                     |
| <b>Sprockets</b>             |   |                             |                     |
| Front                        | 520x13t   |                             |                     |
| Rear                         | 520x28t   |                             |                     |
| Chain                        | #520  |                             |                     |
| <b>Battery</b>               |   |                             |                     |
| Jell Acid (Maintenance Free) | 12V-4AH/5AH - GTX5L   |                             |                     |
| Main Fuse                    | 7Amp  |                             |                     |
| <b>Fluids</b>                |   |                             |                     |
| 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  | 120cc / 4.1 oz              |                     |
| <b>Safety Features</b>       |   |                             |                     |
| Safety Tether Switch         | Optional equipment  |                             |                     |
| Remote Stop Switch           | Optional equipment  |                             |                     |
| Enclosed Foot Rest Area      | Standard equipment  |                             |                     |
| Enclosed Engine compartment  | Standard equipment  |                             |                     |
| <b>Carrying Capacity</b>     |   |                             |                     |
| Rack Capacity                | Front   | N/A                         |                     |
|                              | Rear  | N/A                         |                     |
| Towing Capacity              | Trailer Wgh   | N/A                         |                     |
|                              | Tongue Wgh  | N/A                         |                     |
| Maximum Rider Weight         | 68.2kg / 190lb  |                             |                     |
| Minimum Rider Age            | 6 years   |                             |                     |





# Viper 90R

by E-TON



*Just go there!*

## Viper 90R 4-S

Cherry Red  
Royal Blue  
Sunlight Yellow  
Black & Yellow  
Peach Blossom Pink

Introducing the 2008 E-TON Viper 90R four-stroke ATV. This Viper includes a 88.4cc four-stroke air-cooled engine, Automatic C.V.T. belt transmission with forward and reverse shifting, and a U.S. Forest Service-approved spark arrestor. The 2006 Viper 90R 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 12 and up.

### 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

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|                              |   |                             |                     |
|------------------------------|---|-----------------------------|---------------------|
| <b>Engine</b>                |   |                             |                     |
| Type                         | Four cycle air cooled (EPA Compliant) SOHC                      |                             |                     |
| Displacement                 | 88.4cc  |                             |                     |
| Bore / Stroke                | ø47.0 * 51.0mm  |                             |                     |
| Compression Ratio / Pressure | 10.2 : 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                       |                             |                     |
| <b>Transmission</b>          |   |                             |                     |
| Type                         | Automatic (C.V.T. V-Belt) with forward/reverse shift            |                             |                     |
| <b>Chassis</b>               |   |                             |                     |
| Overall Length-With-Height   | 1500mm / 59.0" - 850mm / 33.5" - 940mm / 37.0"                  |                             |                     |
| Wheel Base                   | 1030mm / 40.6"  |                             |                     |
| Seat Height                  | 680mm / 26.8"   |                             |                     |
| Ground Clearance             | 120mm / 4.7"  |                             |                     |
| Dry Weight                   | 115kg / 253.3lbs  |                             |                     |
| <b>Suspension</b>            |   |                             |                     |
| Front                        | Independent A-arms with Adjustable Shocks                       |                             |                     |
| Rear                         | Swing Arm with Adjustable Shock                                 |                             |                     |
| <b>Brakes</b>                |   |                             |                     |
| Front                        | Dual mechanical drum  |                             |                     |
| Rear                         | Hydraulic Disc  |                             |                     |
| <b>Tires</b>                 |   |                             |                     |
| 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 |
| <b>Wheels</b>                |   |                             |                     |
| Bolt Pattern                 | Front   | 4 x 110mm (P.C.D.)          |                     |
|                              | Rear  | 4 x 110mm (P.C.D.)          |                     |
| <b>Carburetor</b>            |   |                             |                     |
| 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   |                             |                     |
| <b>Sprockets</b>             |   |                             |                     |
| Front                        | 520x13t   |                             |                     |
| Rear                         | 520x28t   |                             |                     |
| Chain                        | #520  |                             |                     |
| <b>Battery</b>               |   |                             |                     |
| Jell Acid (Maintenance Free) | 12V-4AH/5AH - GTX5L   |                             |                     |
| Main Fuse                    | 7Amp  |                             |                     |
| <b>Fluids</b>                |   |                             |                     |
| 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             |                     |
| <b>Safety Features</b>       |   |                             |                     |
| Safety Tether Switch         | N/A   |                             |                     |
| Remote Stop Switch           | Optional equipment  |                             |                     |
| Enclosed Foot Rest Area      | Standard equipment  |                             |                     |
| Enclosed Engine compartment  | N/A   |                             |                     |
| <b>Carrying Capacity</b>     |   |                             |                     |
| Rack Capacity                | Front   | N/A                         |                     |
|                              | Rear  | N/A                         |                     |
| Towing Capacity              | Trailer Wgh   | N/A                         |                     |
|                              | Tongue Wgh  | N/A                         |                     |
| Maximum Rider Weight         | 68.2kg / 190lb  |                             |                     |
| Minimum Rider Age            | 12 years  |                             |                     |





# Viper 150

by E-TON



*Just go there!*

## Viper 150

Royal Blue  
Silver & Black  
Black & Yellow

Introducing the 2008 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
- Heavy duty trailer hitch
- Light duty trailer hitch
- E-TON safety flag
- Helmets and apparel available on the web site

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|                              |   |  |                     |
|------------------------------|---|--|---------------------|
| <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                       |  |                     |
| <b>Transmission</b>          |   |  |                     |
| Type                         | Automatic (C.V.T. V-Belt) with forward/reverse shift            |  |                     |
| <b>Chassis</b>               |   |  |                     |
| Overall Length-With-Height   | 1730mm / 68.1" - 980mm / 38.6" - 1070mm / 42.1"                 |  |                     |
| Wheel Base                   | 1115mm / 43.9"  |  |                     |
| Seat Height                  | 700mm / 26.6"   |  |                     |
| Ground Clearance             | 140mm / 5.5"  |  |                     |
| Dry Weight                   | 172 kg / 379 lbs  |  |                     |
| <b>Suspension</b>            |   |  |                     |
| Front                        | Independent 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                 | Front   | 4 x 160mm (P.C.D.)                           |                     |
|                              | Rear  | 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                         | 520x24t   |  |                     |
| 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  | 6.5liters / 1.7gal                           |                     |
| Engine Oil                   | Type  | SAE 30W                                      |                     |
|                              | Volume  | 1.0liters / 1.0qt                            |                     |
| Transmission                 | Type  | SAE 85/140 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 (Two Optional Kits Available) |                     |
|                              | Tongue Wgh  | 32kg / 70 lbs                                |                     |
| Maximum Rider Weight         | 150kg / 330 lbs   |  |                     |
| Minimum Rider Age            | 16 years  |  |                     |





# Yukon CXL150

by E-TON



*Just go there!*

## Yukon CXL 150

Flame Red  
Mountain Silver  
Royal Blue  
Real Tree® Camo

Introducing the 2008 E-TON Yukon II ATV. E-TON's biggest utility ATV, the Yukon II includes a 149.56cc four-stroke air/oil cooled engine, Automatic C.V.T. belt transmission with forward/reverse shifting, front and rear carrying racks, and a U.S. Forest Service-approved spark arrestor. The Yukon II 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

- Heavy duty trailer hitch
- Light duty trailer hitch
- E-TON safety flag
- Helmets and apparel available on the web site

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|                              |   |                             |                     |
|------------------------------|---|-----------------------------|---------------------|
| <b>Engine</b>                |   |                             |                     |
| Type                         | Four cycle air/oil cooled (EPA Compliant) SOHC                  |                             |                     |
| Displacement                 | 149.56cc  |                             |                     |
| Bore / Stroke                | ø57.4 * 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                       |                             |                     |
| <b>Transmission</b>          |   |                             |                     |
| Type                         | Automatic (C.V.T. V-Belt) with forward/reverse shift            |                             |                     |
| <b>Chassis</b>               |   |                             |                     |
| Overall Length-With-Height   | 1730mm / 68.1" - 980mm / 38.6" - 1070mm / 42.1"                 |                             |                     |
| Wheel Base                   | 1115mm / 43.9"  |                             |                     |
| Seat Height                  | 700mm / 26.6"   |                             |                     |
| Ground Clearance             | 140mm / 5.5"  |                             |                     |
| Dry Weight                   | 172 kg / 379 lbs  |                             |                     |
| <b>Suspension</b>            |   |                             |                     |
| Front                        | Independent 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                         | 22/10-10  |                             |                     |
| 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                 | Front   | 4 x 160mm (P.C.D.)          |                     |
|                              | Rear  | 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                         | 520x24t   |                             |                     |
| 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  | 6.5liters / 1.7gal          |                     |
| Engine Oil                   | Type  | SAE 30W                     |                     |
|                              | Volume  | 1.0liters / 1.0qt           |                     |
| Transmission                 | Type  | SAE 85/140 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   | 14kg / 30 lb                |                     |
|                              | Rear  | 14kg / 30 lb                |                     |
| Towing Capacity              | Trailer Wgh   | 150kg / 330 lb              |                     |
|                              | Tongue Wgh  | 32kg / 70 lbs               |                     |
| Maximum Rider Weight         | 150kg / 330 lbs   |                             |                     |
| Minimum Rider Age            | 16 years  |                             |                     |





# Vector 250R

by E-TON



*Just go there!*

## Vector 250R

Flame Red  
Royal Blue

Introducing the 2008 E-TON Vector 250R ATV. Powerful, versatile, and the largest ATV in the E-TON product line, the Vector includes a 249cc four-stroke engine, Automatic C.V.T. belt transmission with forward/reverse shifting, digital speedometer display, and a U.S. Forest Service-approved spark arrestor. The Vector 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
  - Trailer hitch
- E-TON safety flag
- Helmets and apparel available on the web site

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

|                              |  |  |                     |
|------------------------------|--|--|---------------------|
| <b>Engine</b>                |  |  |                     |
| Type                         | Four cycle , Single Cylinder, SOHC Liquid cooled (EPA Compliant) |  |                     |
| Displacement                 | 249cc  |  |                     |
| Bore / Stroke                | f71mm * 63mm   |  |                     |
| Compression Ratio / Pressure | 10.6 : 1   |  |                     |
| Torque / BHP                 | 22.3Nm @ 5500rpm / 16.4bhp                                       |  |                     |
| EPA Approved                 | Meet or exceeds EPA clean air requirements and CA Green Sticker  |  |                     |
| Starting                     | Electrical starter   |  |                     |
| <b>Transmission</b>          |  |  |                     |
| Type                         | Automatic (C.V.T. V-Belt) Manual Shift F/R                       |  |                     |
| <b>Chassis</b>               |  |  |                     |
| Overall Length-With-Height   | 1780mm / 70.1" - 1030mm / 40.6" - 1140mm / 44.9"                 |  |                     |
| Wheel Base                   | 1190mm / 46.9"   |  |                     |
| Seat Height                  | 890mm / 35.0"  |  |                     |
| Ground Clearance             | 150mm / 5.9"   |  |                     |
| Dry Weight                   | 200kg / 441lbs   |  |                     |
| <b>Suspension</b>            |  |  |                     |
| Front                        | Dual A-arm Adjustable Shocks @ 2.95" travel                      |  |                     |
| Rear                         | Swing Arm Adjustable Shock @ 4.72" travel                        |  |                     |
| <b>Brakes</b>                |  |  |                     |
| Front                        | Hydraulic Disc (2)   |  |                     |
| Rear                         | Hydraulic Disc   |  |                     |
| <b>Tires</b>                 |  |  |                     |
| Front                        | 21/7-10  |  |                     |
| Rear                         | 22/11-9  |  |                     |
| 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                 | Front  | 4 x 110mm (P.C.D.)                               |                     |
|                              | Rear   | 4 x 110mm (P.C.D.)                               |                     |
| <b>Carburetor</b>            |  |  |                     |
| Make/Size                    | Kei-Hin with Manual Choke  |  |                     |
| Main Jet                     | 1.1mm  |  |                     |
| Pilot Jet                    | 0.35mm   |  |                     |
| Air Mixture Adjustment       | Back out 1 - 2½turns   |  |                     |
| Idle Speed                   | Idle 1600 - 1800rpm  |  |                     |
| <b>Sprockets</b>             |  |  |                     |
| Front                        | 520x15t  |  |                     |
| Rear                         | 520x38t  |  |                     |
| Chain                        | #520*90 O-Ring   |  |                     |
| <b>Battery</b>               |  |  |                     |
| Jell Acid (Maintenance Free) | 12V-5AH - GTX12-BS   |  |                     |
|                              | Main Fuses   | 10Amp / 15Amp / 30Amp                            |                     |
| <b>Fluids</b>                |  |  |                     |
| Fuel                         | Type   | Unleaded Gasoline 89 octane                      |                     |
|                              | Volume   | 12liters / 3.17gal                               |                     |
| Engine Oil                   | Type   | SAE 10-30W                                       |                     |
|                              | Volume   | 1.4liters / 1.4qt (1.2liters / 1.2qt for change) |                     |
| Transmission                 | Type   | SAE 85/140 weight gear Oil                       |                     |
|                              | Volume   | 750cc / 25.4oz (650cc / 22oz for change)         |                     |
| <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   | 16kg / 301lb (Optional)                          |                     |
| Towing Capacity              | Trailer Wgh  | 330kg / 727lb (Optional)                         |                     |
|                              | Tongue Wgh   | 50kg / 110lbs                                    |                     |
| Maximum Rider Weight         | 150kg / 330lbs   |  |                     |
| Minimum Rider Age            | 16 years   |  |                     |



2008

# E-TON Rovers





# Rover

by **E-TON**



Shown with optional equipment

*Just go there!*

## Rover

Flame Red  
Royal Blue

Introducing the 2008 E-TON Rover Utility Kart. E-TON's brand-new, versatile, unique sport/utility vehicle includes a powerful four-stroke air cooled engine, automatic C.V.T. belt transmission with forward/reverse shifting, a full body frame with safety nets and a seat belt, and a U.S. Forest Service approved spark arrestor.

The Rover meets or exceeds EPA clean air requirements and is eligible for the California Green Sticker. Includes full six month limited factory warranty. This multi-purpose vehicle was designed for appropriate sized riders of all ages

### Optional Accessories

- Navigational Compass
- Portable Cooler
- Helmets and apparel
- Remote Stop Switch
- Wind Shield

Available through your local dealership and our web-

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|                                   |   |                             |                     |
|-----------------------------------|---|-----------------------------|---------------------|
| <b>Engine</b>                     |   |                             |                     |
| Type                              | Four cycle air cooled (EPA Compliant) SOHC                      |                             |                     |
| Displacement                      | 88.4cc  |                             |                     |
| Bore / Stroke                     | φ47.0 * 51.0mm  |                             |                     |
| Compression Ratio / Pressure      | 10.2 : 1 / 120-140psi   |                             |                     |
| Torque / BHP                      | 6.5N ms @ 6500rpm / 4.8BHP                                      |                             |                     |
| EPA Approved                      | Meet or exceeds EPA clean air requirements and CA Green Sticker |                             |                     |
| Spark Plug                        | Recommended: NGK CR7HSA/NGK or Nipendenso U22FS-U               |                             |                     |
| Electrode Gap                     | 0.6-0.7mm or 0.023"   |                             |                     |
| Starting                          | Electrical starter  |                             |                     |
| <b>Transmission</b>               |   |                             |                     |
| Type                              | Automatic (C.V.T. V-Belt) with forward/reverse shift            |                             |                     |
| <b>Chassis</b>                    |   |                             |                     |
| Overall Length-Width-Height       | 1766mm / 69.9" - 1020mm / 40.2" - 1675mm / 65.9"                |                             |                     |
| Wheel Base                        | 1108mm / 43.6"  |                             |                     |
| Seat Height                       | 700mm / 26.6"   |                             |                     |
| Dry Weight                        | 162 kg / 356 lbs  |                             |                     |
| <b>Suspension</b>                 |   |                             |                     |
| Front                             | Swing A-arm with dual Adjustable Shocks                         |                             |                     |
| Rear                              | Swing Arm with Adjustable Shock                                 |                             |                     |
| <b>Brakes</b>                     |   |                             |                     |
| Front                             | Dual Hydraulic Disc   |                             |                     |
| Rear                              | Hydraulic Disc  |                             |                     |
| <b>Tires</b>                      |   |                             |                     |
| Front                             | 18/7-10   |                             |                     |
| Rear                              | 18/8-10   |                             |                     |
| 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                      | Front   | 4 x 110mm (P.C.D.)          |                     |
|                                   | Rear  | 4 x 110mm (P.C.D.)          |                     |
| <b>Carburetor</b>                 |   |                             |                     |
| Make/Size                         | SVR 22mm with Manual Choke                                      |                             |                     |
| Main Jet                          | 0.95mm  |                             |                     |
| Pilot Jet                         | 0.32mm  |                             |                     |
| Air Mixture Adjustment            | Back out 1½ - 1¾ turns  |                             |                     |
| Idle Speed                        | Idle 1700 - 1900rpm   |                             |                     |
| <b>Sprockets</b>                  |   |                             |                     |
| Front                             | 520x12t   |                             |                     |
| Rear                              | 520x32t   |                             |                     |
| Chain                             | #520  |                             |                     |
| <b>Battery</b>                    |   |                             |                     |
| Jell Acid (Maintenance Free)      | 12V-4AH/AH - GTX5L  |                             |                     |
| <b>Fluids</b>                     |   |                             |                     |
| Fuel                              | Type  | Unleaded Gasoline 92 octane |                     |
|                                   | Volume  | 11liters / 2.9gal           |                     |
| Engine Oil                        | Type  | SAE 15W-40                  |                     |
|                                   | Volume  | 0.9liters / 0.23gal         |                     |
| Transmission                      | Type  | SAE 80W-90                  |                     |
|                                   | Volume  | 300cc / 10.2oz              |                     |
| <b>Safety Features</b>            |   |                             |                     |
| Speed Control                     | Ignition Key Speed Control (Standard)                           |                             |                     |
| Remote Stop Switch                | Remote Engine Stop Switch (Optional)                            |                             |                     |
| Safety Catch Netting              | Rider compartment Safety Netting (Standard)                     |                             |                     |
| Seat Belt                         | Lap Belt (Standard)   |                             |                     |
| <b>Carrying Capacity</b>          |   |                             |                     |
| Maximum Rider Weight              | 86.2kg / 190 lbs  |                             |                     |
| <b>Additional Features</b>        |   |                             |                     |
| Rear Cargo Bed                    | Accessory Power Outlet  |                             |                     |
| Covered Front Storage Compartment | Foot peddle throttle and brakes controls                        |                             |                     |
| Sporty Split Steering Wheel       | Dash mounted Forward / Reverse Shift Knob                       |                             |                     |
| Adjustable Head Rest              | Optional Floor mat and bed liners                               |                             |                     |







# Rover GT

by E-TON



Shown with optional equipment

*Let the  
ROVER GT  
take you there!*

Mountain Silver  
Forest Green

Introducing the 2008 E-TON Rover GT Utility Kart. E-TON's brand-new, versatile, unique sport/utility vehicle includes a powerful four-stroke air cooled engine, automatic C.V.T. belt transmission with forward/reverse shifting, a full body frame with a seat belt, and a U.S. Forest Service approved spark arrestor.

The Rover GT meets or exceeds EPA clean air requirements and is eligible for the California Green Sticker. Includes full six month limited factory warranty. This multi-purpose vehicle was designed for appropriate sized riders of all ages

## Optional Accessories

- Portable Cooler
- Helmets and apparel
- Remote Stop Switch
- Front Cargo Rack
- Rear Cargo basket
- 2 styles of Cargo bags

All available through your local dealership and our website.

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|   |   |                             |                     |
|---|---|-----------------------------|---------------------|
| <b>Engine</b>                                     |   |                             |                     |
| Type  | Four cycle air cooled (EPA Compliant) SOHC                      |                             |                     |
| Displacement                                      | 88.4cc  |                             |                     |
| Bore / Stroke                                     | φ47.0 * 51.0mm  |                             |                     |
| Compression Ratio / Pressure                      | 10.2 : 1 / 120-140psi   |                             |                     |
| Torque / Power                                    | 6.1N ms @ 4000rpm / 6.4Ps/8000rpm                               |                             |                     |
| EPA Approved                                      | Meet or exceeds EPA clean air requirements and CA Green Sticker |                             |                     |
| Spark Plug  | Recommended: NGK CR7HSA/NGK or Nipendenso U22FS-U               |                             |                     |
| Electrode Gap                                     | 0.6-0.7mm or 0.023"   |                             |                     |
| Starting  | Electrical starter  |                             |                     |
| <b>Transmission</b>                               |   |                             |                     |
| Type  | Automatic (C.V.T. V-Belt) with forward/reverse shift            |                             |                     |
| <b>Chassis</b>                                    |   |                             |                     |
| Overall Length-Width-Height                       | 2110mm / 83.0" - 1000mm / 39.4" - 1110mm / 43.7"                |                             |                     |
| Wheel Base  | 1375mm / 54.1"  |                             |                     |
| Seat Height                                       | 710mm / 28.0"   |                             |                     |
| Dry Weight  | 185 kg / 407.9 lbs  |                             |                     |
| <b>Suspension</b>                                 |   |                             |                     |
| Front   | A-arm with dual Adjustable Shocks                               |                             |                     |
| Rear  | Swing Arm with Adjustable Shock                                 |                             |                     |
| <b>Brakes</b>                                     |   |                             |                     |
| Front   | 155mm Dual Hydraulic Disc                                       |                             |                     |
| Rear  | 175mm Hydraulic Disc  |                             |                     |
| <b>Tires</b>                                      |   |                             |                     |
| Front   | 18/7-10   |                             |                     |
| Rear  | 18/8-10   |                             |                     |
| 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                                      | Front   | 4 x 110mm (P.C.D.)          |                     |
|   | Rear  | 4 x 110mm (P.C.D.)          |                     |
| <b>Carburetor</b>                                 |   |                             |                     |
| Make/Size   | SVR 22mm with Manual Choke                                      |                             |                     |
| Main Jet  | 0.95mm  |                             |                     |
| Pilot Jet   | 0.32mm  |                             |                     |
| Air Mixture Adjustment                            | Back out 1½ - 1¾ turns  |                             |                     |
| Idle Speed  | Idle 1700 - 1900rpm   |                             |                     |
| <b>Sprockets</b>                                  |   |                             |                     |
| Front   | 520x12t   |                             |                     |
| Rear  | 520x32t   |                             |                     |
| Chain   | #520  |                             |                     |
| <b>Battery</b>                                    |   |                             |                     |
| Jell Acid (Maintenance Free)                      | 12V-5AH - GTX5L   |                             |                     |
| <b>Fluids</b>                                     |   |                             |                     |
| Fuel  | Type  | Unleaded Gasoline 92 octane |                     |
|   | Volume  | 11 liters / 2.9gal          |                     |
| Engine Oil  | Type  | SAE 15W-40                  |                     |
|   | Volume  | 0.9liters / 0.23gal         |                     |
| Transmission                                      | Type  | SAE 80W-90                  |                     |
|   | Volume  | 300cc / 10.2oz              |                     |
| <b>Safety Features</b>                            |   |                             |                     |
| Seat Belt   | Lap Belt (Standard)   |                             |                     |
| Remote Stop Switch                                | Remote Engine Stop Switch (Optional)                            |                             |                     |
| <b>Carrying Capacity</b>                          |   |                             |                     |
| Maximum Rider Weight                              | 100kg / 200 lbs   |                             |                     |
| <b>Additional Features</b>                        |   |                             |                     |
| Rear Cargo Flat Bed (Standard)                    | Digital dash gauge—Speedometer & Fuel Level (Standard)          |                             |                     |
| Covered Front Storage Compartment (Standard)      | Dash mounted F/R Shift Knob & indicator lights (Standard)       |                             |                     |
| Trailer Hitch & Accessory Power Outlet (Optional) | Sporty Steering Wheel   |                             |                     |
| Foot peddle throttle & brakes controls (Standard) | Rear Cargo Basket (Optional)                                    |                             |                     |
| Front Cargo Rack (Optional)                       | Detachable Spot Light (Optional)                                |                             |                     |
| Carpeted floor mat (Optional)                     |   |                             |                     |



2008

# E-TON Scooters





# Beamer III

by **E-TON**



*Just go there!*

## Beamer III

Metallic Red  
Metallic Blue  
Sun Drop Yellow  
Midnight Black

Introducing the 2008 E-TON Beamer 50 Scooter, the next generation of the popular Beamer scooter line. This Beamer 50 is powered by a 50cc 2 cycle oil injected engine that gives you great performance and an economical transportation alternative. With estimated mileage of 75mpg, the Beamer 50 is easy on the fuel bill.

The 2008 model is EPA approved and meets or exceed all other Federal DOT regulations.

The Beamer III is fully decked out with our performance-enhancing EPA approve exhaust system, powder coat wheels, and race spec front suspension system.

The sporty look of the Beamer 50 gives you a stylish economical ride.

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|                                |                                      |   |
|--------------------------------|--------------------------------------|---|
| <b>Engine</b>                  |                                      |   |
| Type                           | Two cycle air cooled oil injected    |   |
| Displacement                   | 49.3cc                               |   |
| Bore / Stroke                  | φ40.0 * 39.2mm                       |   |
| Compression - Ratio / Pressure | 6.8 : 1 / 120-140psi                 |   |
| Torque / BHP                   | 5.2N m @ 7000rpm / 1.5BHP            |   |
| Estimated MPG                  | 65mpg/75mpg                          |   |
| Starting                       | Electrical with Kick starter back up |   |
| <b>Transmission</b>            |                                      |   |
| Type                           | Automatic (C.V.T. V-Belt)            |   |
| <b>Chassis</b>                 |                                      |   |
| Overall Length                 | 1830mm / 72.0"                       |   |
| Overall Width                  | 650mm / 25.6"                        |   |
| Overall High                   | 1100mm / 43.3"                       |   |
| Wheel Base                     | 1260mm / 49.6"                       |   |
| Dry Weight                     | 82kg / 180.7lb                       |   |
| <b>Suspension</b>              |                                      |   |
| Front                          | Telescopic Fork                      |   |
| Rear                           | Unit Swing Arm / Single Shock        |   |
| <b>Brakes</b>                  |                                      |   |
| Front                          | Hydraulic Disc                       |   |
| Rear                           | Mechanical Drum                      |   |
| <b>Tires</b>                   |                                      |   |
| Front                          | 120/90-10                            |   |
| Rear                           | 130/90-10                            |   |
| Tire Pressure                  | Front                                | Front 18psi / 1.25kg/cm2 (Cold)           |
|                                | Rear                                 | Rear 25psi / 1.75kg/cm2 (Cold)            |
| <b>Carburetor</b>              |                                      |   |
| Make/Size                      | SW 18mm (Manual Choke)               |   |
| Main Jet                       | #80                                  |   |
| Pilot Jet                      | #17.5                                |   |
| Air Mixture Adjustment         | Back out ¾ - 1¼ turns                |   |
| Idle Speed                     | Idle 1700 - 1900rpm                  |   |
| <b>Battery</b>                 |                                      |   |
| Jell Acid (Maintenance Free)   | 12V-4AH/5AH - GTX5L-BS               |   |
|                                | Main Fuse                            | 7Amp                                      |
| <b>Fluids</b>                  |                                      |   |
| Fuel                           | Type                                 | Unleaded Gasoline 89 octane               |
|                                | Volume                               | 5.5 liters / 1.5gal                       |
| 2 Cycle Oil                    | Type                                 | High grade synthetic 2 cycle injector oil |
|                                | Volume                               | 1.1 liters / 1.2qts                       |
| Transmission                   | Type                                 | SAE 80/90 weight                          |
|                                | Volume                               | 100cc / 3.4oz                             |
| <b>Spark Plug</b>              |                                      |   |
| NGK (recommended)              | BPR7HS                               |   |
| Nipendenso                     | W22FRP-U                             |   |
| Champion                       | QL82YC                               |   |
|                                | Electrode Gap                        | 0.6-0.7mm / 0.023"                        |
| <b>GVWR</b>                    | 240kg. / 530lbs.                     |   |
| <b>GAWR (Front)</b>            | 76kg. / 167lbs.                      |   |
| <b>GAWR (Rear)</b>             | 165kg. / 164lbs.                     |   |





# Beamer R2

by **E-TON**



*Just go there!*

## Beamer R2

Metallic Red  
Midnight Black

Introducing the 2008 E-TON Beamer R2 50 Scooter, the next generation of the popular Beamer scooter line. This Beamer is powered by a 50cc 2 cycle oil injected engine that gives you great performance and an economical transportation alternative. With estimated mileage of 75mpg, the Beamer R2 50 is easy on the fuel bill.

The 2008 model is EPA approved and meets or exceed all other Federal DOT regulations.

The Beamer R2 50 is fully decked out with our Powder Coat 12" Aluminum Mag Wheels and front and rear Hydraulic Disc HydrDisc® Brakes, and race spec front suspension system.

The sporty look of the Beamer R2 50 gives you a stylish economical ride.



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|                                |  |   |
|--------------------------------|--|---|
| <b>Engine</b>                  |  |   |
| Type                           | Two stroke, air cooled (EPA Compliant) |   |
| Displacement                   | 49.3cc                                 |   |
| Bore / Stroke                  | φ40.0 * 39.2mm                         |   |
| Compression - Ratio / Pressure | 6.8 : 1 / 120-140psi                   |   |
| Torque / BHP                   | 4.79@7000rpm / 4.67 HP@7000rpm         |   |
| Estimated MPG                  | 65mpg/75mpg                            |   |
| Starting                       | Electrical with Kick starter back up   |   |
| <b>Transmission</b>            |  |   |
| Type                           | Automatic (C.V.T. V-Belt)              |   |
| <b>Chassis</b>                 |  |   |
| Overall Length                 | 1830mm / 72.0"                         |   |
| Overall Width                  | 650mm / 25.6"                          |   |
| Overall High                   | 1100mm / 43.3"                         |   |
| Wheel Base                     | 1260mm / 49.6"                         |   |
| Dry Weight                     | 91kg / 201lb                           |   |
| <b>Suspension</b>              |  |   |
| Front                          | Telescopic Fork                        |   |
| Rear                           | Unit Swing Arm / Single Shock          |   |
| <b>Brakes</b>                  |  |   |
| Front                          | HydrDisc® Hydraulic Disc               |   |
| Rear                           | HydrDisc® Hydraulic Disc               |   |
| <b>Tires</b>                   |  |   |
| Front                          | 120/70-12                              |   |
| Rear                           | 130/70-12                              |   |
| Tire Pressure                  | Front                                  | Front 18psi / 1.25kg/cm2 (Cold)           |
|                                | Rear                                   | Rear 25psi / 1.75kg/cm2 (Cold)            |
| <b>Carburetor</b>              |  |   |
| Make/Size                      | SW 18mm (Manual Choke)                 |   |
| Main Jet                       | #80                                    |   |
| Pilot Jet                      | #17.5                                  |   |
| Air Mixture Adjustment         | Back out 1¼ - 1½ turns                 |   |
| Idle Speed                     | Idle 1700 - 1900rpm                    |   |
| <b>Battery</b>                 |  |   |
| Jell Acid (Maintenance Free)   | 12V-4AH/5AH - GTX5L-BS                 |   |
|                                | Main Fuse                              | 7A  |
| <b>Fluids</b>                  |  |   |
| Fuel                           | Type                                   | Unleaded Gasoline 89 octane               |
|                                | Volume                                 | 4.5 liters / 1.2gal                       |
| 2 Cycle Oil                    | Type                                   | High grade synthetic 2 cycle injector oil |
|                                | Volume                                 | 1.1 liters / 1.2qts                       |
| Transmission                   | Type                                   | SAE 80/90 weight                          |
|                                | Volume                                 | 100cc / 3.4oz                             |
| <b>Spark Plug</b>              |  |   |
| NGK (recommended)              | BPR7HS                                 |   |
| Nipendenso                     | W22FRP-U                               |   |
| Champion                       | QL82YC                                 |   |
|                                | Electrode Gap                          | 0.6-0.7mm / 0.023"                        |
| <b>GVWR</b>                    |  | 240kg. / 530lbs.                          |
| <b>GAWR (Front)</b>            |  | 76kg. / 167lbs.                           |
| <b>GAWR (Rear)</b>             |  | 165kg. / 164lbs.                          |





# Beamer R4

by **E-TON**



*Just go there!*

## Beamer R4

Metallic Red  
Midnight Black

Introducing the 2008 E-TON Beamer R4 150 Scooter, the next generation of the popular Beamer scooter line. This Beamer is powered by a 150cc 4 cycle engine that gives you great performance and an economical transportation alternative. With estimated mileage of 55mpg, the Beamer R4 150 is easy on the fuel bill.

The 2008 model is EPA approved and meets or exceed all other Federal DOT regulations.

The Beamer R4 150 is fully decked out with our Powder Coat 12" Aluminum Mag-Wheels and front and rear Hydraulic Disc HydrDisc<sup>®</sup> Brakes, and dual shock rear suspension.

The sporty look of the Beamer R4 150 gives you a stylish economical ride.

Pick up an optional Color matched Luggage box when you purchase your R4 150 to give it that extra special stylized look.



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| Engine                       |   |                             |
|------------------------------|---|-----------------------------|
| Type                         | Four cycle air/oil cooled (EPA Compliant) SOHC                  |                             |
| Displacement                 | 149.5cc   |                             |
| Bore / Stroke                | φ57.4 * 57.8mm  |                             |
| Compression Ratio / Pressure | 9.7 : 1 / 150-190psi  |                             |
| Torque / Power               | 10.5N m @ 6000rpm / 11.0Ps @ 7500rpm                            |                             |
| Max Speed                    | 110kph - 70mph  |                             |
| EPA Approved                 | Meet or exceeds EPA clean air requirements and CA Green Sticker |                             |
| Starting                     | Electrical starter with kick start backup                       |                             |
| Transmission                 |   |                             |
| Type                         | Automatic (C.V.T. V-Belt)                                       |                             |
| Chassis                      |   |                             |
| Overall Length               | 1830mm / 72.0"  |                             |
| Overall Width                | 650mm / 25.6"   |                             |
| Overall Height               | 1118mm / 44.0" - 1278mm/50.3" w Mirrors                         |                             |
| Seat Height                  | 780mm/30.7"   |                             |
| Wheel Base                   | 1260mm / 49.6"  |                             |
| Dry Weight                   | 130kg / 286lb   |                             |
| Suspension                   |   |                             |
| Front                        | Telescopic Fork Travel 70mm/2.75"                               |                             |
| Rear                         | Dual Adjustable Shocks Travel 50mm/2.0"                         |                             |
| Brakes                       |   |                             |
| Front                        | 180mm HydrDisc <sup>®</sup> Hydraulic Disc                      |                             |
| Rear                         | 180mm HydrDisc <sup>®</sup> Hydraulic Disc                      |                             |
| Tires                        |   |                             |
| Front                        | 120/70-12 — 18psi / 1.25kg/cm2 (Cold)                           |                             |
| Rear                         | 130/70-12 — 25psi / 1.75kg/cm2 (Cold)                           |                             |
| Carburetor                   |   |                             |
| 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   |                             |
| Battery                      |   |                             |
| Lead Acid (Maintenance Free) | 12V-8AH   |                             |
| Main Fuse                    | 10Amp   |                             |
| Fluids                       |   |                             |
| Fuel                         | Type  | Unleaded Gasoline 89 octane |
|                              | Volume  | 6.5 liters / 1.7gal         |
| Engine Oil                   | Type  | SAE 20w-40                  |
|                              | Volume  | 1.0 liters / 1.0 qt         |
| Transmission                 | Type  | SAE 80W/90                  |
|                              | Volume  | 300cc / 10.2 oz             |
| Spark Plug                   |   |                             |
| NGK (recommended)            | BPR7HS  |                             |
| Nipendenso                   | W22FRP-U  |                             |
| Champion                     | QL82YC  |                             |
| Electrode Gap                | 0.6-0.7mm / 0.023"  |                             |
| GVWR (Total)                 |   |                             |
| (Front)                      | 76kg. / 167lbs.   |                             |
| (Rear)                       | 165kg. / 164lbs.  |                             |
| Two Passenger                |   |                             |
|                              | YES   |                             |





# Beamer Matrix R2

by E-TON



*Just go there!*

## Beamer Matrix R2

Metallic Red  
Royal Blue  
Sunshine Yellow  
Midnight Black

Introducing the 2009 E-TON Beamer Matrix R2 Scooter, the next generation of the popular Beamer scooter line. This Beamer is powered by a 50cc 2 cycle oil injected engine that gives you great performance and an economical transportation alternative. With estimated mileage of 75mpg, the Beamer Matrix R2 is easy on the fuel bill.

The 2009 model is EPA approved and meets or exceed all other Federal DOT regulations.

The Beamer Matrix R2 is fully decked out with our Powder Coat 12" Aluminum Mag Wheels and front and rear Hydraulic Disc HydrDisc® Brakes, and race spec front suspension system.

The sporty look of the Beamer Matrix R2 gives you a stylish economical ride.



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|                                |  |   |
|--------------------------------|--|---|
| <b>Engine</b>                  |  |   |
| Type                           | Two stroke, air cooled (EPA Compliant)   |   |
| Displacement                   | 49.3cc                                   |   |
| Bore / Stroke                  | φ40.0 * 39.2mm                           |   |
| Compression - Ratio / Pressure | 6.8 : 1 / 120-140psi                     |   |
| Torque / BHP                   | 4.79@7000rpm / 4.67 HP@7000rpm           |   |
| Estimated MPG                  | 65mpg/75mpg                              |   |
| Starting                       | Electrical with Kick starter back up     |   |
| <b>Transmission</b>            |  |   |
| Type                           | Automatic (C.V.T. V-Belt)                |   |
| <b>Chassis</b>                 |  |   |
| Overall Length                 | 1915mm / 75.4"                           |   |
| Overall Width                  | 655mm / 25.8"                            |   |
| Overall Height                 | 1025mm / 40.4" (1280mm/50.4" w/ mirrors) |   |
| Wheel Base                     | 1355mm / 53.3"                           |   |
| Dry Weight                     | 97kg / 214 lb                            |   |
| <b>Suspension</b>              |  |   |
| Front                          | Telescopic Fork                          |   |
| Rear                           | Unit Swing Arm / Single Shock            |   |
| <b>Brakes</b>                  |  |   |
| Front                          | HydrDisc® Hydraulic Disc                 |   |
| Rear                           | HydrDisc® Hydraulic Disc                 |   |
| <b>Tires</b>                   |  |   |
| Front                          | 120/70-12                                |   |
| Rear                           | 130/70-12                                |   |
| Tire Pressure                  | Front                                    | Front 18psi / 1.25kg/cm2 (Cold)           |
|                                | Rear                                     | Rear 25psi / 1.75kg/cm2 (Cold)            |
| <b>Carburetor</b>              |  |   |
| Make/Size                      | SW 18mm (Manual Choke)                   |   |
| Main Jet                       | #80                                      |   |
| Pilot Jet                      | #17.5                                    |   |
| Air Mixture Adjustment         | Back out 1¼ - 1½ turns                   |   |
| Idle Speed                     | Idle 1700 - 1900rpm                      |   |
| <b>Battery</b>                 |  |   |
| Jell Acid (Maintenance Free)   | 12V-4AH/5AH - GTX5L-BS                   |   |
|                                | Main Fuse                                | 7A  |
| <b>Fluids</b>                  |  |   |
| Fuel                           | Type                                     | Unleaded Gasoline 89 octane               |
|                                | Volume                                   | 4.5 liters / 1.2gal                       |
| 2 Cycle Oil                    | Type                                     | High grade synthetic 2 cycle injector oil |
|                                | Volume                                   | 1.1 liters / 1.2qts                       |
| Transmission                   | Type                                     | SAE 80/90 weight                          |
|                                | Volume                                   | 100cc / 3.4oz                             |
| <b>Spark Plug</b>              |  |   |
| NGK (recommended)              | BPR7HS                                   |   |
| Nipendenso                     | W22FRP-U                                 |   |
| Champion                       | QL82YC                                   |   |
|                                | Electrode Gap                            | 0.6-0.7mm / 0.023"                        |
| <b>GVWR</b>                    |  | 240kg. / 530lbs.                          |
| <b>GAWR (Front)</b>            |  | 76kg. / 167lbs.                           |
| <b>GAWR (Rear)</b>             |  | 165kg. / 164lbs.                          |





# Beamer Matrix R4

by **E-TON**



*Just go there!*

## Beamer Matrix R4

Metallic Red  
Midnight Black

Introducing the 2009 E-TON Beamer Matrix R4 150 Scooter, the next generation of the popular Beamer Matrix scooter line. This Beamer is powered by a 150cc 4 cycle engine that gives you great performance and an economical transportation alternative. With estimated mileage of 55mpg, the Beamer Matrix R4 150 is easy on the fuel bill.

The 2009 model is EPA approved and meets or exceed all other Federal DOT regulations.

The Beamer Matrix R4 150 is fully decked out with our Powder Coat 12" Aluminum Mag-Wheels and front and rear Hydraulic Disc HydrDisc® Brakes, and dual shock rear suspension.

The sporty look of the Beamer Matrix R4 150 gives you a stylish economical ride.



**E-TON America**

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

| Engine                       |   |                             |
|------------------------------|---|-----------------------------|
| Type                         | Four cycle air/oil cooled (EPA Compliant) SOHC                  |                             |
| Displacement                 | 149.5cc   |                             |
| Bore / Stroke                | φ57.4 * 57.8mm  |                             |
| Compression Ratio / Pressure | 9.7 : 1 / 150-190psi  |                             |
| Torque / Power               | 10.5N m @ 6000rpm / 11.0Ps @ 7500rpm                            |                             |
| Max Speed                    | 110kph - 70mph  |                             |
| EPA Approved                 | Meet or exceeds EPA clean air requirements and CA Green Sticker |                             |
| Starting                     | Electrical starter with kick start backup                       |                             |
| Transmission                 |   |                             |
| Type                         | Automatic (C.V.T. V-Belt)                                       |                             |
| Chassis                      |   |                             |
| Overall Length               | 1907mm / 75.1"  |                             |
| Overall Width                | 655mm / 25.8"   |                             |
| Overall Height               | 1015mm / 40.0" (1270mm/50.2" w/ mirrors)                        |                             |
| Seat Height                  | 802mm/31.6"   |                             |
| Wheel Base                   | 1355mm / 53.3"  |                             |
| Dry Weight                   | 112.5kg / 248.0 lb  |                             |
| Suspension                   |   |                             |
| Front                        | Telescopic Fork, Travel 75mm/3.0"                               |                             |
| Rear                         | Dual Adjustable Shocks, Travel 45mm/1.8"                        |                             |
| Brakes                       |   |                             |
| Front                        | 180mm HydrDisc® Hydraulic Disc                                  |                             |
| Rear                         | 180mm HydrDisc® Hydraulic Disc                                  |                             |
| Tires                        |   |                             |
| Front                        | 120/70-12 — 18psi / 1.25kg/cm <sup>2</sup> (Cold)               |                             |
| Rear                         | 130/70-12 — 25psi / 1.75kg/cm <sup>2</sup> (Cold)               |                             |
| Carburetor                   |   |                             |
| 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   |                             |
| Battery                      |   |                             |
| Lead Acid (Maintenance Free) | 12V-8AH   |                             |
| Main Fuse                    | 10Amp   |                             |
| Fluids                       |   |                             |
| Fuel                         | Type  | Unleaded Gasoline 89 octane |
|                              | Volume  | 6.5 liters / 1.7gal         |
| Engine Oil                   | Type  | SAE 20w-40                  |
|                              | Volume  | 1.0 liters / 1.0 qt         |
| Transmission                 | Type  | SAE 80W/90                  |
|                              | Volume  | 300cc / 10.2 oz             |
| Spark Plug                   |   |                             |
| NGK (recommended)            | BPR7HS  |                             |
| Nipendenso                   | W22FRP-U  |                             |
| Champion                     | QL82YC  |                             |
| Electrode Gap                | 0.6-0.7mm / 0.023"  |                             |
| GVWR (Total)                 |   |                             |
| (Front)                      | 76kg. / 167lbs.   |                             |
| (Rear)                       | 165kg. / 164lbs.  |                             |
| Two Passenger                |   |                             |
|                              | YES   |                             |

