



Vector 250R

by E-TON



Just go there!

Vector 250R

Flame Red
Royal Blue

Introducing the 2007 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

ETON AMERICA, LLC.

www.etonamerica.com

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|------------------------------|--|--|---------------------|
| Engine | | | |
| Type | Four cycle , Single Cylinder, SOHC Liquid cooled (EPA Compliant) | | |
| Displacement | 249cc | | |
| Bore / Stroke | 71mm * 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 | | |
| Transmission | | | |
| Type | Automatic (C.V.T. V-Belt) Manual Shift F/R | | |
| Chassis | | | |
| 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 | | |
| Suspension | | | |
| Front | Dual A-arm Adjustable Shocks @ 2.95" travel | | |
| Rear | Swing Arm Adjustable Shock @ 4.72" travel | | |
| Brakes | | | |
| Front | Hydraulic Disc (2) | | |
| Rear | Hydraulic Disc | | |
| Tires | | | |
| 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 |
| Wheels | | | |
| Bolt Pattern | Front | 4 x 110mm (P.C.D.) | |
| | Rear | 4 x 110mm (P.C.D.) | |
| Carburetor | | | |
| 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 | | |
| Sprockets | | | |
| Front | 520x15t | | |
| Rear | 520x38t | | |
| Chain | #520*90 O-Ring | | |
| Battery | | | |
| Jell Acid (Maintenance Free) | 12V-5AH - GTX12-BS | | |
| | Main Fuses | 10Amp / 15Amp / 30Amp | |
| Fluids | | | |
| 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) | |
| Safety Features | | | |
| Safety Tether Switch | N/A | | |
| Remote Stop Switch | N/A | | |
| Enclosed Foot Rest Area | Standard equipment | | |
| Enclosed Engine compartment | N/A | | |
| Carrying Capacity | | | |
| 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 | | |

