

ETON America, LLC



Service Bulletin

Bulletin No: **0026**Date: **04/01/2004**

2005 Adjustable C.D.I Speed Control

ETON America has installed an adjustable speed control on the 2005 Viper models from the RXL-50M through the RXL-90R. This devise allow the vehicle speed to be increased in steps as the rider becomes more experienced.

The table below illustrates the factory setting, which is a combination of the setting on the CDI pod and the throttle stop bolt,. It can also be used to set the desired speed limit for each model as the rider develops their skill level.

Use a combination the CDI control POD and throttle stop bolt to set the desired for the customer.



ETON Product Speed Control Settings

| Adjustable Position | Factory Setting | Engine RPM | Mini 50 | Viper70 | Viper90 | Viper90R | Yukon | Beamer |
|----------------------|-------------------------------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Factory Set Speed | Set by CDI & Throttle Stop | | 16.0 km/h 10.0 mph | 16.0 km/h 10.0 mph | 24.0 km/h 15.0 mph | 24.0 km/h 15.0 mph | 55.6 km/h 35.6 mph | 25.0 km/h 15.5 mph |
| 0 | V70 | 4900 rpm | 15.5 km/h 9.6 mph | 21.3 km/h 13.2 mph | 23.6 km/h 14.7 mph | 23.0 km/h 14.3 mph | n/a | n/a |
| 1 | V50 | 5500 rpm | 22.7 km/h 14.1 mph | 30.0 km/h 18.6 mph | 33.1 km/h 20.6 mph | 31.3 km/h 19.5 mph | n/a | n/a |
| 2 | | 6100 rpm | 29.3 km/h 18.2 mph | 34.1 km/h 21.2 mph | 40.2 km/h 25.0 mph | 39.6 km/h 24.6 mph | n/a | n/a |
| 3 | | 6700 rpm | 32.1 km/h 20.0 mph | 37.7 km/h 23.4 mph | 43.8 km/h 27.2 mph | 43.8 km/h 27.2 mph | n/a | n/a |
| 4 | V90 V90R | No Limit | 32.5 km/h 20.1 mph | 42.7 km/h 26.5 mph | 47.8 km/h 29.7 mph | 44.8 km/h 27.8 mph | n/a | n/a |
| Reverse | | n/a | n/a | n/a | n/a | 10.0 km/h 6.2 mph | 15.7 km/h 9.8 mph | n/a |
| Wire Cut | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 52.5 km/h 32.6 mph |