



ETON America, LLC



Service Bulletin

Bulletin No: 0049
Date: 06/11/2008

**2009 Beamer III, & Matrix 50
Speed Limiter CDI box**

The rev-limiter on the Beamer III, and the Matrix 50 are limited to 15mph from the factory. To increase the speed, one of the rev-limiter wires need to be cut to obtain 30mph. The second wire should not be cut until the bike has a proper break in time of over 200 miles. Lift the seat and remove the (6) bolts as shown in figure 1 to remove the seat storage box, then on the RH side of the frame as shown in figure 2 is the CDI box. Unplug the box from the harness (do not cut any wires on the harness) remove the box from the rubber sleeve, then you will see the (2) rev-limiter wires on the CDI box. The chart below will show the estimated speeds once the rev-limiter wires have been cut.

Beamer CDI Version 3.5.0.0	Max Speed	BHP
Wire #1 & #2 Uncut (Factory)	15MPH (25KPH)	1.9
Wire #1 or #2 Cut	30MPH (48KPH)	3.4
Wire #1 & #2 both Cut	36MPH (58KPH)	3.8



Figure 1



Figure 2

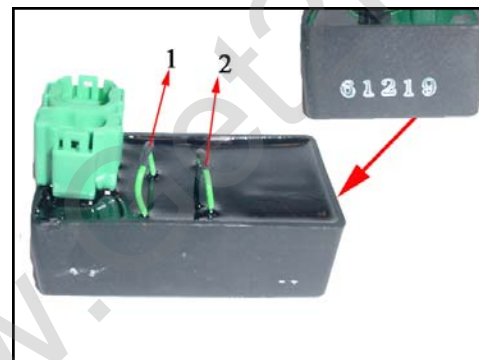


Figure 3