



# GAMMATRONIX

## Gammatronix PowerDriver Electronic Ignition System 12v volt NEGATIVE earth

### Specification

- Higher spark energy and voltage output without changing your existing coil
- Points wear virtually eliminated
- Improved economy and power due to accurate spark timing and increased voltage
- Sharper rev response of the engine
- No spark erosion at points, and no condenser to fail.
- 8 Amp (2 ohms) coil driving capacity – 20 Amps peak



### How Does It Work?

The Gammatronix PowerDriver contains all its control electronics in a compact assembly just 30mm wide, 20mm tall and 85mm long. This can be mounted to your existing coil or any other convenient mounting point.

Just four wires to connect – red power, black ground, then snip the wire from your points to your coil and connect the points' side to the PowerDriver's blue wire and the coil side to the PowerDriver's yellow output wire.

PowerDriver gives you a control system that collapses the flux in your coil in millionths of a second to create a fat, precise, well timed spark that doesn't vary with arcing across the points, or alter over time due to spark erosion. Conventional coil and points based systems on older bikes and cars suffer from several disadvantages due to system inefficiencies.

The presence of the condenser, sparking at the points and slow coil "magnetic flux dump" time of a conventional ignition system leads to a less than optimal output from the coil. The physics are that the faster the coil primary voltage disconnects, (leading to a rapid collapse of stored inductive flux in the coil) the higher the peak voltage output of the coil will be.

The Gammatronix PowerDriver Ignition eliminates the inefficiencies in your ignition system by charging the coil rapidly and dumping the stored coil primary flux FAST to make a bigger, better, more precisely timed spark.

### Is It Right For My Vehicle? YES, if the following applies:

1. My vehicle has a standard coil and points and condenser ignition
2. My vehicle has a 12v electrical system
3. My vehicle has the battery negative terminal connected to the chassis (negative earth)