

Micro Power Ignition System (AKA Blue Box System)

These units constantly monitor engine speed and time the spark precisely to suit. In addition, the programming of the 'mini computer' offers control over ignition coil energy, starting speed, tick over stabilisation and rev limits if required. The ignition timing is controlled in bands of 50 r.p.m. over the entire speed range, this gives the ability to programme any firing angle required. To help engine power at idle, the timing can be advanced, on and below the idle speed, this stabilises and reduces the chance of stalling. From idle, the advance can be sharper than provided by the previous MKIV system, giving even better throttle response.

This system is designed to work only with our special digital power ignition coils (type 00007 single output, or 00008 dual output). Up to four of these coils may be run from one ignition box, providing very high energy sparks for single, or twin plug cylinder heads. The ignition cycle is produced by a high current pulse lasting for a short period of time; this is controlled by the microprocessor program. The total current consumption is reduced by over a half and the spark energy is greater; average current consumption is less than 1.5 amps at maximum r.p.m.

The miniature digital ignition coils have a very low primary resistance and a very high quality iron core. Single and Dual output types are available. The HT cables are detachable and the primary connections are by spade terminals. As these coils are controlled by current input and not voltage, up to four coils can be run in series from one ignition unit. With most dual output coils it is good practice to have only one output feeding a compressed cylinder, but with 35,000 volts it is possible to have both outputs feeding a compressed cylinder at one time.

Features:

- Contactless Ignition System
- Superior Digital Electronic Advance and Retard
- Water Resistant
- Oil Resistant
- Vibration Resistant
- 5 year warranty on all ignition parts, 1 year warranty on coils
- For road or racing use
- Comes with specialist miniature coil/s

