



BOYER BRANSDEN ELECTRONICS LIMITED

Frindsbury House, Cox Street, Detling
Maidstone, Kent ME14 3HE

Telephone: 01622 730939

Facsimile: 01622 730930

Website: www.BoyerBransden.com

Email: Mail@BoyerBransden.com

KIT00068 Fitting Instructions for 3 Cylinder Alternator Powered Ignition System With Electronic Advance/Retard

Comprising:

- Electronic Ignition Box (BOX00030)
- Stator Plate – round printed circuit board (STA00154)
- Magnetic Rotor – metal circular unit with three magnets (ROT00120)
- Two Coil Link Wires
- 1.25 x 0.25" Cap Head Screw and Washer
- 6 x Female Spades, 2 x Male Spades, 6 x Male Bullets, 4 x Female Bullets, 1 x 6.5mm Ring Terminal

You will also require three 6 volt ignition coils – Lucas type 17P6 or equivalent. 4 volt coils can also be used with this system.

Use a strobe lamp with a 12 volt battery for timing.

To Fit:

1. Mount the ignition box in a cool position, this can be out of the air flow but must not be in foam rubber.
2. Wire up as per the diagram using only good quality automotive cable. Loom up all wires and run the two stator wires apart from the main wiring (Black-White / Black-Yellow).
3. Set the engine on its full advance timing point (38 degrees BTDC). Mount the rotor and stator as per figure 2 & 3. Check the valves are closed as the unit fires every 120 degrees camshaft, every 240 degrees crankshaft; this makes every second timing mark a non firing point.
4. Strobe time at 5000 rpm. Anticlockwise adjustment of the stator advances the timing.

Figure 2 - The magnetic rotor

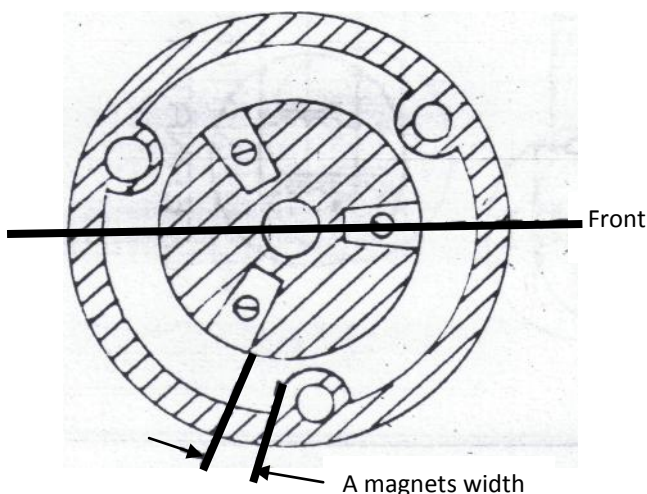


Figure 3 - The stator plate

