FITTING INSTRUCTIONS FOR 3 CYLINDER ALTERNATOR POWERED IGNITION SYSTEM WITH ELECTRONIC ADVANCE/RETARD.

COMPRISING:

a) IGNITION ELECTRONICS BOX
b) STATOR PLATE (round printed circuit board)
c) MAGNETIC ROTOR (plated steel unit with three magnets)
d) TWO COIL LINK WIRES
e) 1.25x0.25" CAP HEAD SCREW AND WASHER
f) 6xFEMALE SPADE, 2xMALE SPADE, 6xMALE BULLETS, 4xFEMALE BULLETS, 1x6.5mm RING TERMINALS.

YOU WILL ALSO REQUIRE 3 OFF 6 VOLT IGNITION COILS LUCAS TYPE 17P6 OR EQUIVALENT. 4 VOLT COILS CAN ALSO BE USED WITH THIS SYSTEM.

A WHITE LIGHT STROBE LAMP WITH A 12 VOLT BATTERY OR IT CAN BE POWERED FROM THE RED IGNITION BOX WIRE WHEN THE ENGINE IS RUNNING.

1) MOUNT THE IGNITION BOX IN A COOL POSITION THIS CAN BE OUT OF THE AIR FLOW BUT NOT IN FOAM RUBBER.
2) WIRE UP AS PER THE DIAGRAM USING ONLY GOOD QUALITY AUTOMOTIVE CABLE. LOOupe 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 (38deg.BTDC) MOUNT THE ROTOR AND STATOR AS PER FIG 2 & 3 CHECK THE VALVES ARE CLOSED AS THE UNIT FIRES EVERY 120deg.CAMSHAFT EVERY 240 deg.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.

Fig. 2 The magnetic rotor

Fig. 3 A magnet retaining screw in this position should be visible through the timing hole