



BTH Components Ltd

Ignition systems for the 21st century



THE PM18 & PM28 BTH Electronic Magneto Firing Instructions

1. Remove your old magnets and replace it with your new **BTH** unit.
2. Time your engine to the manufacturer's recommendation. Set your timing using a degree disk or by measuring the piston distance before T.D.C.



3. Turn the shaft so the centre shaft arrow on shaft is at the **bottom** and remove the brass screws that block the timing hole. (See picture on right.) Now insert the flame-timing rod through the timing hole and the shaft into bottom of magnets. You may have to move the shaft slightly until all the holes line up when the shaft will enter quite easily.

(If you have lost the timing rod use a piece of brass round bar with any burrs removed from the ends.)

N.B. 1/4" diameter round bar will not do. It is approximately 0.017" too big.)



Dot on shaft at bottom. There will also be an arrow engraved on end of the shaft pointing to the dot so you can check the orientation when the gear and nut is fixed.

(N.B. The dot goes to the bottom on platform magnets and to the top on flange mounted magnets.)

Arrow



Centre dot