



## BTH Components Ltd

*Ignition systems for the 21st century*



### THE PM1R & PM1R BT-H Electronic Magneto Fitting Instructions

1. Remove your old magneto and replace it with your new **BT-H** unit.
2. Tune 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 to the **centre dot/ arrow** on shaft is at the **bottom** and remove the brass screw that blocks the timing hole. (See picture on right.) Now insert the brass-timing rod through the timing hole and the shaft into the bottom of magnet. 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 0.015" 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 magnetos and to the top on flange mounted magnetos.)

**Arrow**



**Centre dot**