

STK-022



FITTING INSTRUCTIONS

- Step 1** Remove the original stator & rotor.
- Step 2** Fit the new rotor on to the crank shaft locating on to the key (not all models are supplied with a keyway machined into the rotor). Fit the retaining nut but don't fully tighten if there is no keyway.
- Step 3** Position the new stator over the rotor locating on the engine studs using the spacers provided and the original nuts, **don't fully tighten so that the stator can be adjusted if necessary.**
- Step 4** Move piston to 1mm BTDC (see fig 1.) - this is normally set with a dial guage located in the spark plug hole. This will give a maximum total advance of about 35°, this is only a guide. Engine tune will affect the actual timing for optimum performance.
- Step 5** See fig 2. with the piston set as in step 4, align the white marks on the rotor and stator, taking care not to rotate the crankshaft.
- Step 6** When the stator has been aligned correctly with the rotor fully tighten the retaining nut for the rotor and re-check the timing, fine adjustments can be made by moving the stator on the slotted poles.
- Step 7** Connect the stator and HT coil to the CDI, as shown below in the wiring diagram.



Setting piston position

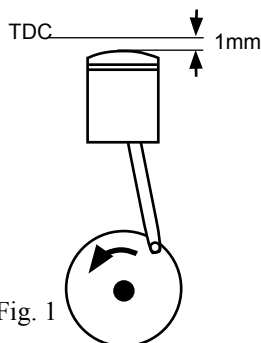


Fig. 1

Position when sparking starts

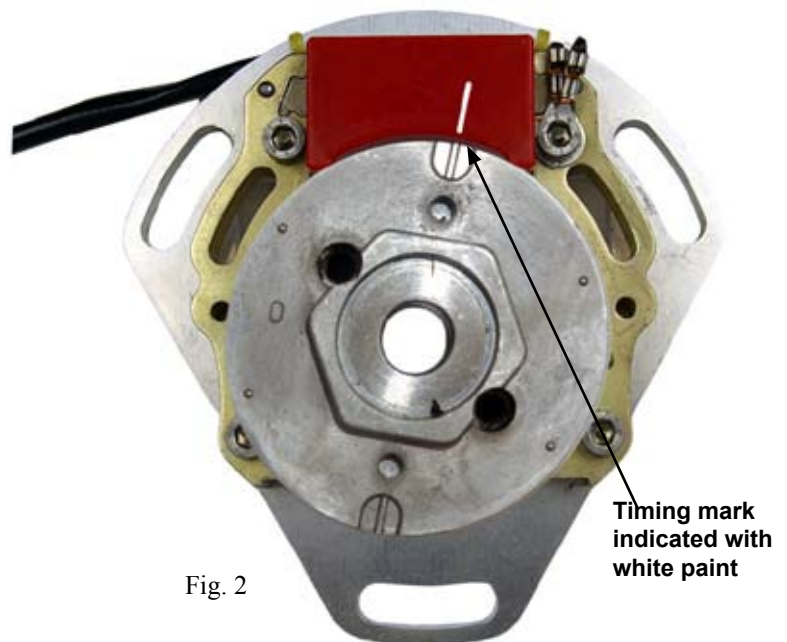
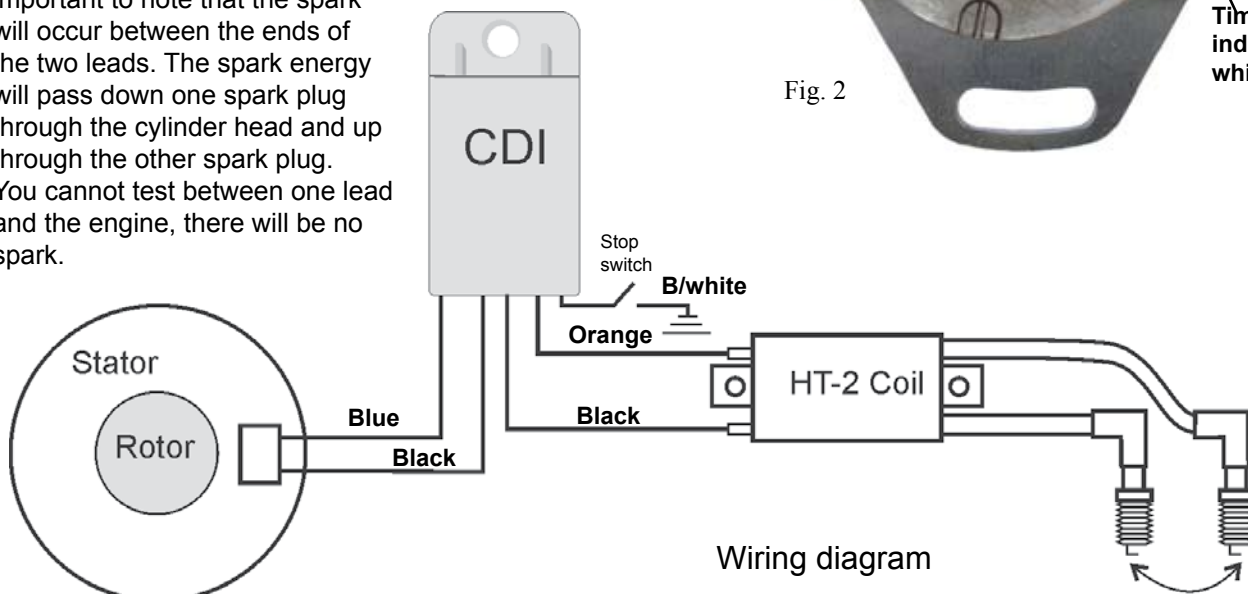


Fig. 2

Important

For testing the above system fitted with a twin output HT-coil it is important to note that the spark will occur between the ends of the two leads. The spark energy will pass down one spark plug through the cylinder head and up through the other spark plug. You cannot test between one lead and the engine, there will be no spark.



Wiring diagram