STK-150 Bultaco Pursang - single spark

NOTE: This kit fits crank end diameter 19.7mm if you require crank end diameter of 17.5mm you will need our kit STK-151

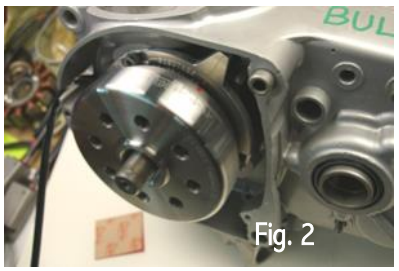
Fitting Instructions

Step 1 Stator is located on the LH side of the engine. Remove clutch cable and kickstarter. Undo screws and take off alternator/stator cover.

Step 2 Remove flywheel retaining nut and remove flywheel using a suitable puller or our optional puller. Undo x3 retaining screws from original stator and remove.

Step 3 Fit new stator using M5 screws and washers provided, locate new flywheel taking care to engage with the key.

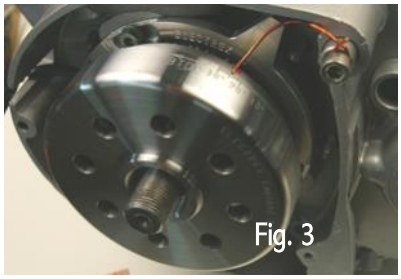
Step 4 **Setting timing:** See fig. 2 and table below. Using a dial gauge or timing disc position piston at settings shown for the engine type at maximum advance and rotate the stator so that the scored mark on the base plate aligns with the red mark on the flywheel. Tighten stator screws using a ball ended allen key. This is the position of maximum advance for this system.



Step 5 Attach stator cables to the HT-CDI unit.

Step 6 The black/white cable is for the kill switch, connecting to earth will stop the engine.

Step 7 **Checking the Ignition Timing:** See fig. 3 - the engraved timing marks on the flywheel can be used as an accurate guide to the actual timing. To do this attach a piece of wire to a bolt on the crank case, set the engine to TDC and without moving the flywheel align the wire to the 'T' mark. With the engine running and a strobe light the actual advance can be seen, position shown in photograph is typical maximum advance figure.



Step 8 Replace original stator cover, clutch cable and kickstarter.

Step 9 Note the timing figures shown below are equivalent to the fixed timing of the original system, as this system has electronic advance it is possible to set the ignition more advanced and still maintain easy starting and maximum performance.

IGNITION TIMING		
Model	**mm BTDC**	**Equivalent degrees BTDC**
200cc	2.7 - 2.9mm	24.50 - 25.50°
250cc	2.6 - 2.8mm	24 - 25°
360cc	2.2 - 2.4mm	21.30 - 22.30°