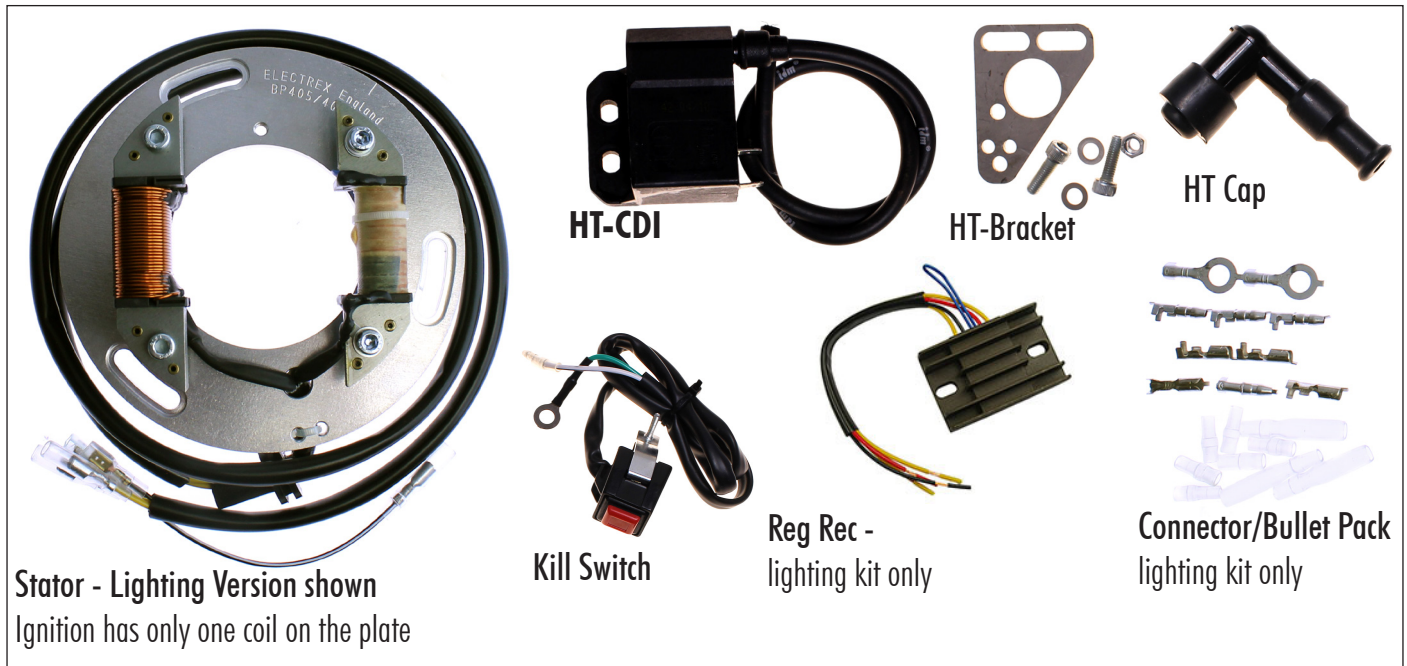


STK-405 & STK-405L (lighting version)

Yamaha XT500

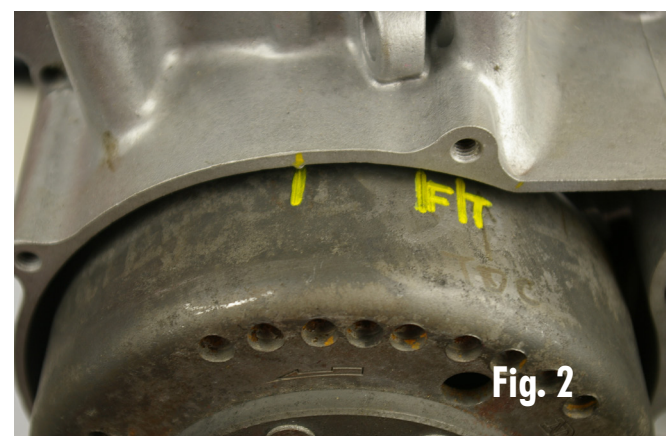
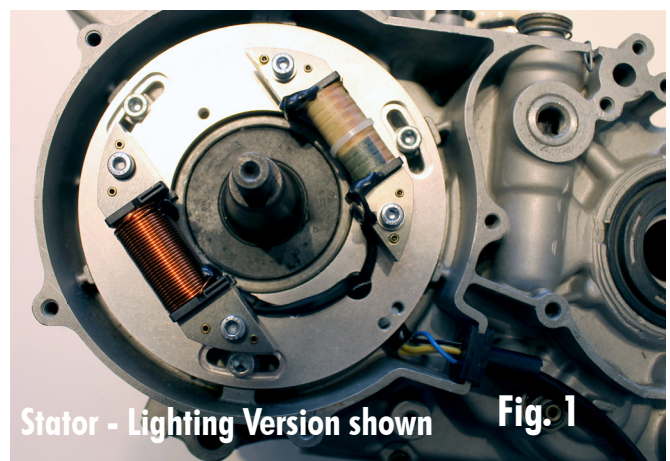


Product Features

- CDI Ignition with smooth electronic advance, for performance and easy starting even when hot.
- Simple fitting using the original rotor.
- One piece combined CDI & HT coil.
- 12v DC lighting + 12v DC battery charging - STK-405L only.

Fitting Instructions

- Step 1 Remove the flywheel, using the correct puller (we can supply one if required), stator and HT coil. The contact breaker assembly is not required but may be left in place.
- Step 2 Fit the stator as shown in fig 1. Locate the grommet in the crankcase, pull the cables through the grommet to adjust fit.
- Step 3 Locate stator plate midway on the slotted holes and tighten the x3 M6 screws, fit the flywheel and tighten the retaining nut.
- Step 4 Fix the cdi/ht coil in a convenient position so the terminals will reach the plug. Attach stator terminals to the cdi/ht coil - note the black/white cable is for the engine stop switch.
- Step 5 Setting the timing: The engine will run with the stator set midway on the slotted holes, to check the timing a strobe is required. See fig 2. Original marks on the rotor and crankcases should align at full advance with the engine revving at about 6000rpm.



Cont. overleaf.....



12v Lighting/Battery charging - STK-405L only

Step 6 See circuit diagram - The stator lighting/battery charging coil provides power to the 12v regulator/rectifier. This has a controlled output to the lighting circuit of 12v DC and prevents bulb failure, the regulator also provides a 12v DC output to charge a battery - if fitted.

Important: All additional earth cable connections need to be linked together with a cable.

STK-405L Circuit Diagram

