

STK-205 & STK-205L (Lighting version) Honda XL250K, XL250 Motosport, XL350K

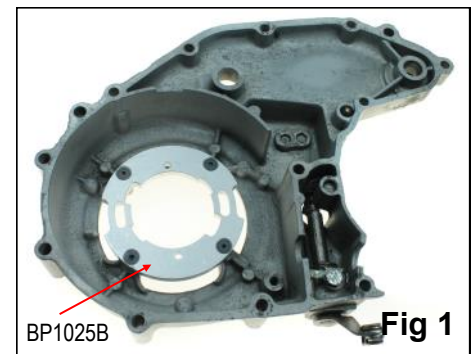


PRODUCT FEATURES

- 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, only two cables to connect.
- Lighting version available STK-205L

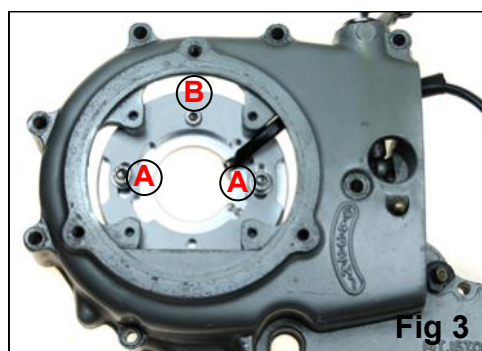
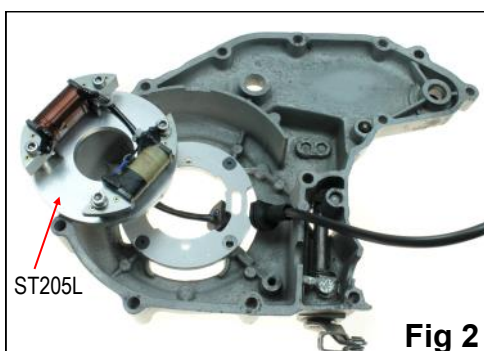
Fitting Instructions

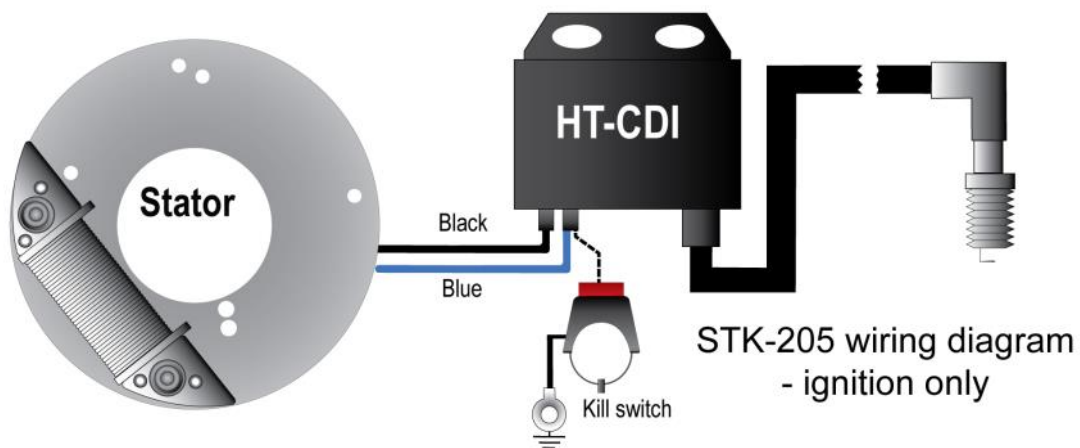
- Step 1 Remove the original stator unit from the left hand cover.
- Step 2 Fit adaptor plate BP1025B exactly as shown in **Fig. 1**, using x4 M5x16 counter sunk screws provided. Use a small amount of Loctite to retain the screws.
- Step 3 Feed the stator (ST205) lead, through the adaptor plate as shown in **Fig. 2** and locate stator on to the adaptor plate BP1025B.
- Step 4 See **Fig. 3**. Locate the x2 M6x16 screws through the slotted holes - position **A**. Locate the M5x12 screw in position **B**, this sets the ignition timing in a fixed position. Use a small amount of Loctite to retain the screws. To adjust the timing you need to remove the M5x12 screw from position.
- Step 5 Locate the lead and the 2 grommets in the casing, see **Fig. 4**.
- Step 6 Attach original cable bracket (not shown) to prevent cable touching the flywheel.



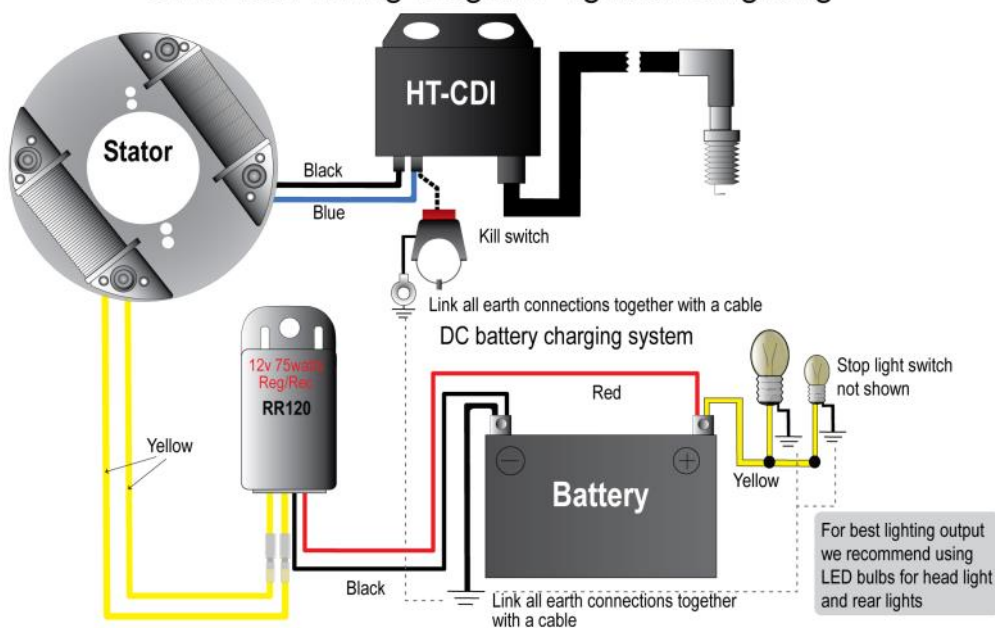
Lighting Circuit - STK-205L

- Step 7 The stator lighting/battery charging coil provides power to the 12v regulator/rectifier. This has a controlled output of 12v DC and helps prevent bulb failure, the use of LED lights is recommended, the regulator also provides a 12v DC output to charge a battery - if fitted, or an optional PP12 . See wiring diagrams overleaf to connect HT coil, kill switch and regulator rectifier.
- Important:** All additional earth cable connections need to be linked together with a cable.





STK-205L Wiring Diagram - Ignition & lighting



STK-205L Wiring Diagram - Ignition & lighting using a Power Pack (optional part available to purchase)

