

**Fitting Instructions**

**Step 1** Remove the original rotor, stator plate advancer and HT coil. Fit new stator plate as shown in **Fig. 1**, taking care to ensure the cable follows the original cable routing.

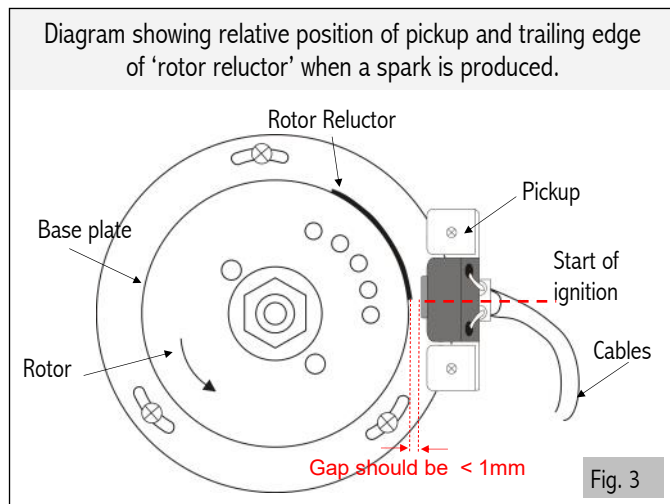
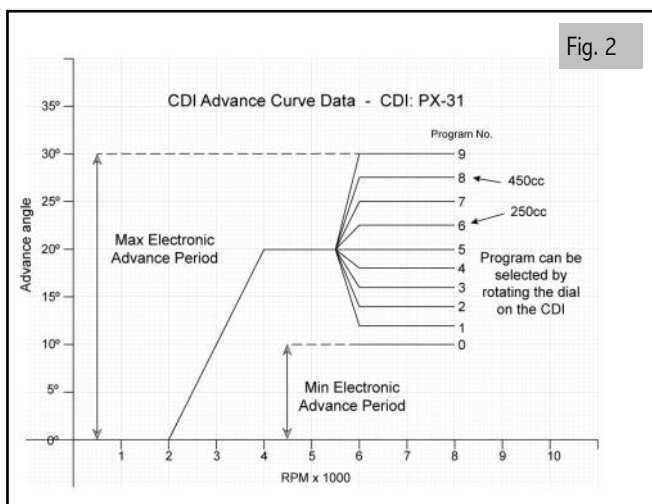
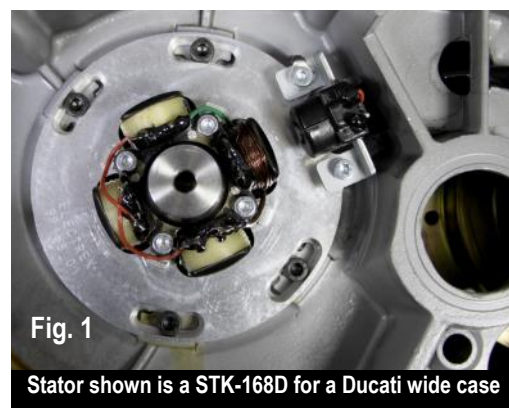
**Step 2** Fit the rotor and set-up timing as shown below in **Fig. 3**.

**Timing Set-up**

Ducati singles have different settings depending on engine capacity and type:

**250cc only:** This model is usually set at 38° BTDC, with the stator fitted to the engine and the screws tightened, locate the piston at 15° BTDC, and then fit the rotor in position shown in **Fig. 3**, relative to the pickup coil. Make sure piston is still at 15° BTDC then tighten the rotor onto the crankshaft. Set the program on the CDI PX-31 to 6, the ignition the starts at 15°, electronically advances 20° then advances 2.5° - total 15° + 20° + 2.5° = 37.5° BTDC.

**450cc only:** This model is usually set at 27.5° BTDC so set as for 250cc above but this time with the piston at TDC. Set the CDI to program 8. Ignition starts at TDC, advances electronically 20° the 7.5° so total 27.5°

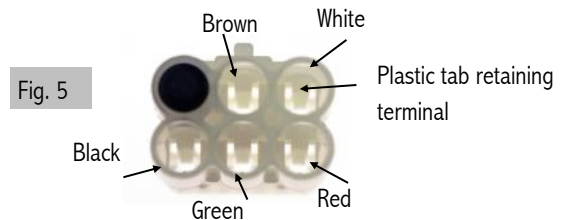
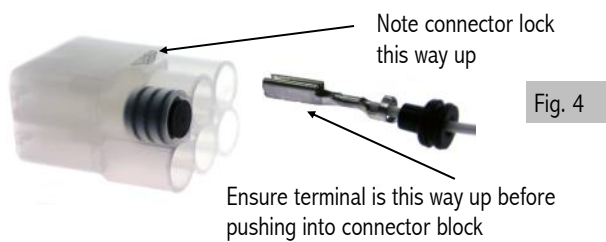


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## Fitting Instructions cont..

**Step 3 Sealed/waterproof connector system:** Fit block to stator cable ends as shown below, ensuring the pins are inserted the correct way up, see **Fig 4, 5 & 6** below, a click will be heard as they locate. To test this gently pull on the cable and it should remain in the connector block. When all cables have been pushed in to the connector block, then connect the stator and cdi blocks together.



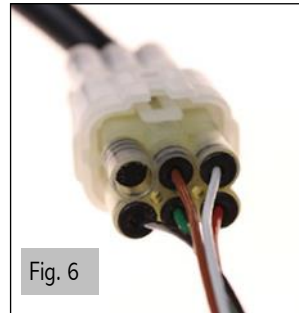
### Configuration of wires

#### Generator

White connects to  
Brown connects to  
Black connects to  
Green connects to  
Red connects to

#### CDI

White  
Brown  
Black  
Green  
Red



If it is necessary to remove the terminals use a very small screwdriver or similar to lift the plastic tab (see **Fig.5** above), at the same time gently pull the corresponding cable till it comes out.

**Step 4** Fit the HT coil bracket under the tank. Feed cable from cdi feed lead to the HT coil. Attach orange terminal to male spade on the HT coil and the black M6 ring to a mounting screw (as shown below in **Fig. 6**). The remaining black and black/white cables attach to the stop or kill switch. Connect the black 'earth cable' to the HT Coil mounting and then to the engine case.

**Step 5** Trim HT lead to length and fit supplied HT Cap before attaching to spark plug.

