

## INSTALLATION MANUAL: HPI UNIVERSAL IGNITION – 068K148 (XL250/XR250/XR500)

HPI – Kuilenstraat 97, 3960 Bree, Belgium  
 TEL: (0032) 089-46 74 39 | FAX: (0032) 089-47 33 28 | GSM: (0032) 0495-53 90 21  
 Email: hpi@hpi.be | Website: www.hpi.be

1. Attach the rotor aligner plate to the rotor using the provided screws (image 1). Make sure of the correct direction of the plate (image 2) and the correct rotation; the key from the rotor aligner plate must be on the top side of the rotor, this is where the HPI logo is on the front of the rotor (image 3).



Image 1



Image 2



Image 3

2. Bend the key from the rotor aligner plate outwards from the rotor (image 4). Mount the rotor onto the crankshaft, with the key properly placed in the keyway of the crankshaft.

3. Mount the baseplate onto the cover from the ignition, then mount the stator onto the baseplate (image 5). The black plastic cap from the stator goes into the opening of the baseplate. Be sure to attach the black cable to the stator using one of the two screws at the top of the stator.

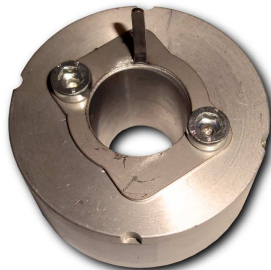


Image 4

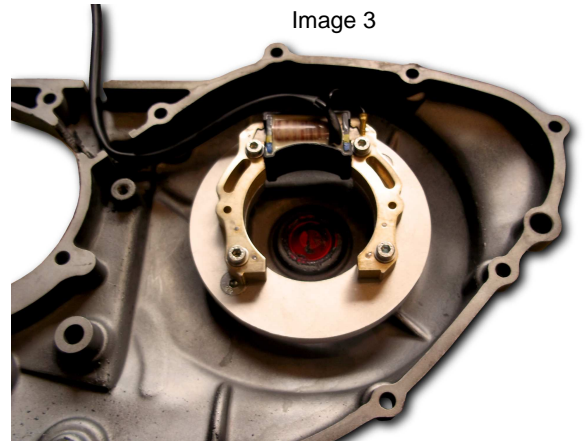


Image 5

4. Mount the HT-coil to the frame. Don't place it next to the CDI.
5. Connect the CDI:
  - ▶ the 3 pole connector to the 3 pole connector of the stator
  - ▶ the orange cable to the HT-coil
  - ▶ the HT-coil must be attached to the frame for mass, together with the black cable
  - ▶ the black/white cable to the on/off switch

### REMARKS:

- ▶ the optional yellow and yellow/blue cables are for curve-selection, these cables may **never** come in contact with the **frame/mass !!!**
- ▶ An **incorrect installation** can cause **serious damage** to your bike. We are not responsible for defects caused by faulty installation.

**USE RESISTOR SPARK PLUG TYPE, WITH RESISTOR SPARK PLUG CAP  
WITH ALL DIGITAL IGNITIONS!!!**