



# INSTALLATION MANUAL: HPI UNIVERSAL IGNITION – DIGITAL 2&4 CYLINDER PROGRAMMABLE (180° DOUBLE SPARK)

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1. Place the piston in its most upper position. (OT) This is the 0° point of the ignition. Remove the sparkplug and rotate the engines axe until the piston is in its most upper position. Use appropriate measuring equipment.
2. Place the stator on the base plate. Make sure that the slots of the rotor are aligned with the bolt holes, but don't tighten the screws yet.
3. Fit the rotor and the stator so that both markings are aligned:
  - ▶ for **left** rotating: → see image 2
  - ▶ for **right** rotating: → see image 3**Attention:** - aligning has to be done on the **first coil** of the stator (see wiring)  
- also mind the position of the **HPI Logo** on the rotor.  
Don't tighten the screws yet.
4. Make sure that the **piston is still in its most upper position** and the **markings are aligned**.  
If necessary, make adjustments by rotating the base plate of the stator.
5. Tighten all the screws.
6. Connections:
  - ▶ the 3 pole connector from the **first coil** from the stator to a CDI-unit
  - ▶ the orange cable from this CDI-unit to a HT-coil – the HT-coil must be attached to the frame for mass (together with the black cable) – and this HT-coil to **cylinder one**
  - ▶ connect the other coil from the stator accordingly
  - ▶ the black/white cables from the two CDI's to the on/off switch – use the y-branch
7. Install the TuneBox software on your PC to be able to program your CDI.  
You can always download the latest version on [www.hpi.be](http://www.hpi.be)

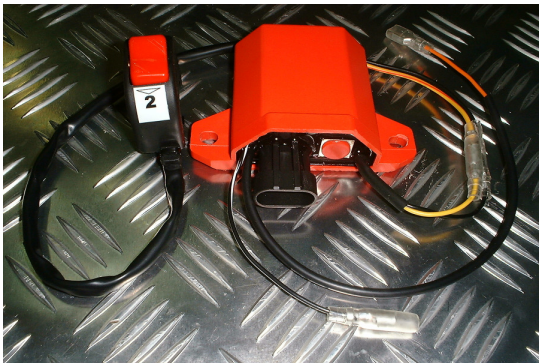


Image 1 (digital CDI unit)

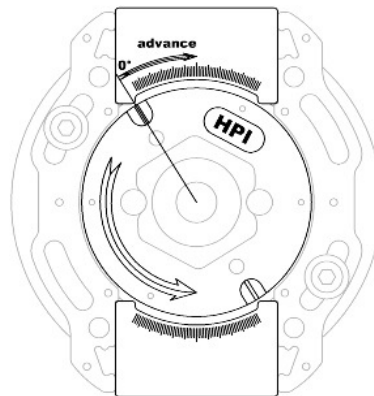


Image 2 (left rotating)

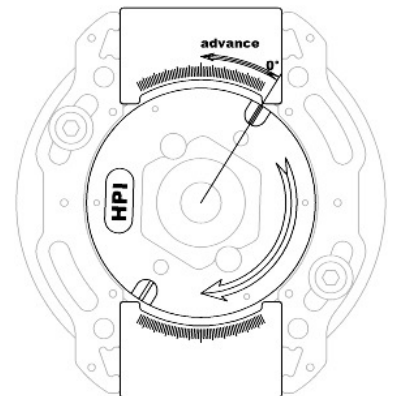


Image 3 (right rotating)

### **REMARKS:**

- ▶ 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!!!**