



INSTALLATION MANUAL: HPI UNIVERSAL IGNITION – DIGITAL 1 CYLINDER PROGRAMMABLE

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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:** 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. Mount the HT-coil to the frame. Don't place it next to the CDI.
7. 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
 - ▶ the yellow and yellow/blue cables are for selecting a curve;
 - cables loose → curve 1
 - cables connected → curve 2
 - ▶ the **optional** grey cable is for the PowerJet.
8. 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

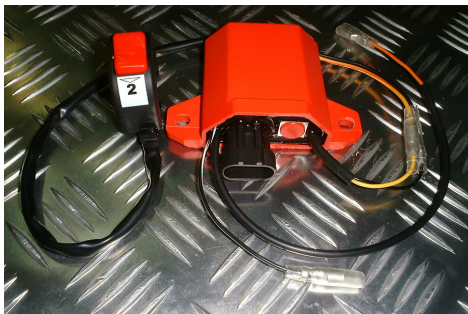


Image 1 (digital CDI unit)

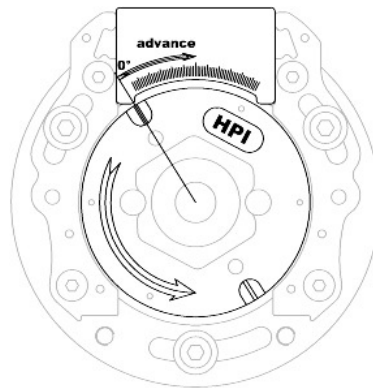


Image 2 (left rotating)

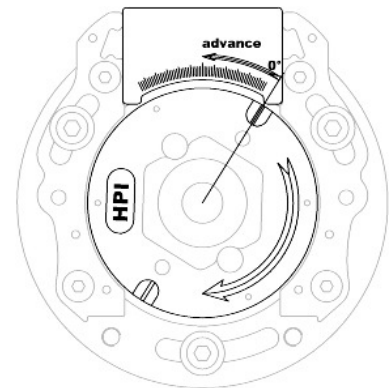


Image 3 (right rotating)

REMARKS:

- ▶ HPI can deliver a **switch** to put between the yellow and yellow/blue cables, making curve-selecting easy.
- ▶ the yellow and yellow/blue 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!!!**