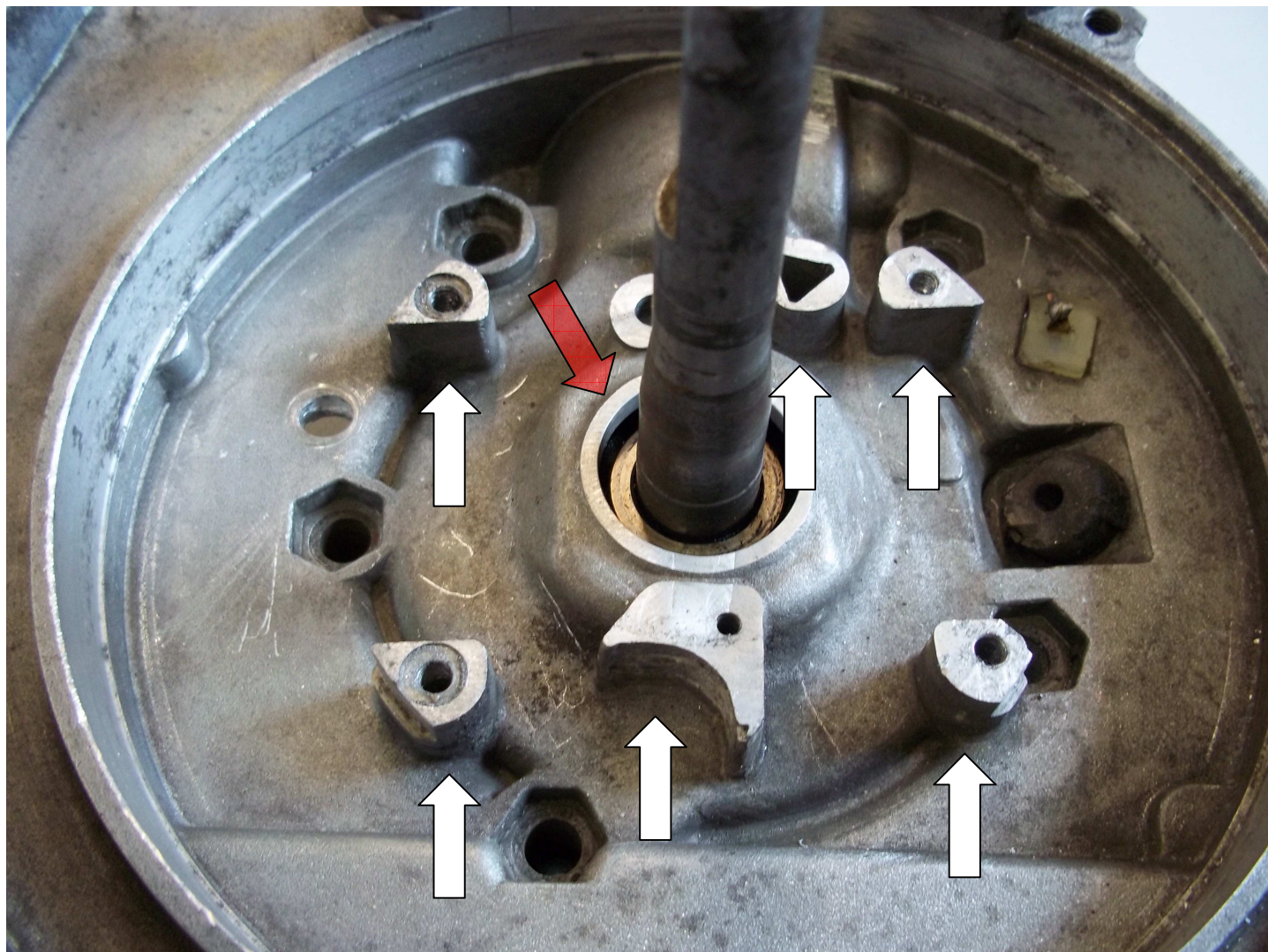


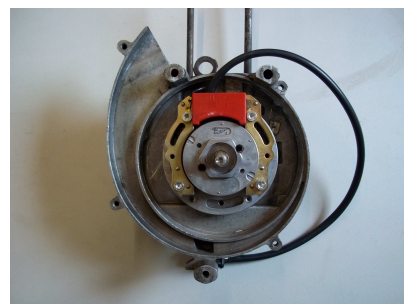
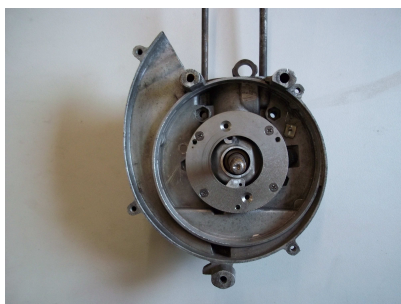
## INSTALLATION MANUAL: 068K221 (VESPA CIAO)

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

To install the universal ignition on a Vespa Ciao, first you'll need to mill down the parts indicated with a white arrow to 2mm **lower** than the center ring (red arrow), but **DO NOT** mill down the center ring!!



Then, install the universal ignition as you would normally do (see next page).



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1. Place the piston at 2 to 4 mm before its most upper position. (OT) → see image 1
2. Fit the rotor and the stator so that both markings are aligned.
  - ▶ for **right** rotating: 2<sup>nd</sup> **large** marking from the left → see image 2
  - ▶ for **left** rotating: 2<sup>nd</sup> **large** marking from the right → see image 3**Attention:** also mind the position of the **HPI Logo** on the rotor. Don't tighten the screws yet.
3. Make sure that the **piston is in position** and the **markings are aligned**.  
If necessary, make adjustments by rotating the base plate of the stator.
4. Tighten all the screws.
5. Connections:
  - ▶ the 3 pole connector of the stator to the 3 pole connector of the CDI
  - ▶ the orange cable from the CDI 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 **optional** yellow and yellow/blue cables are for selecting a curve;
    - cables loose → curve 1
    - cables connected → curve 2

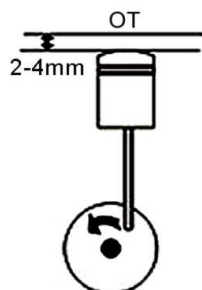


Image 1

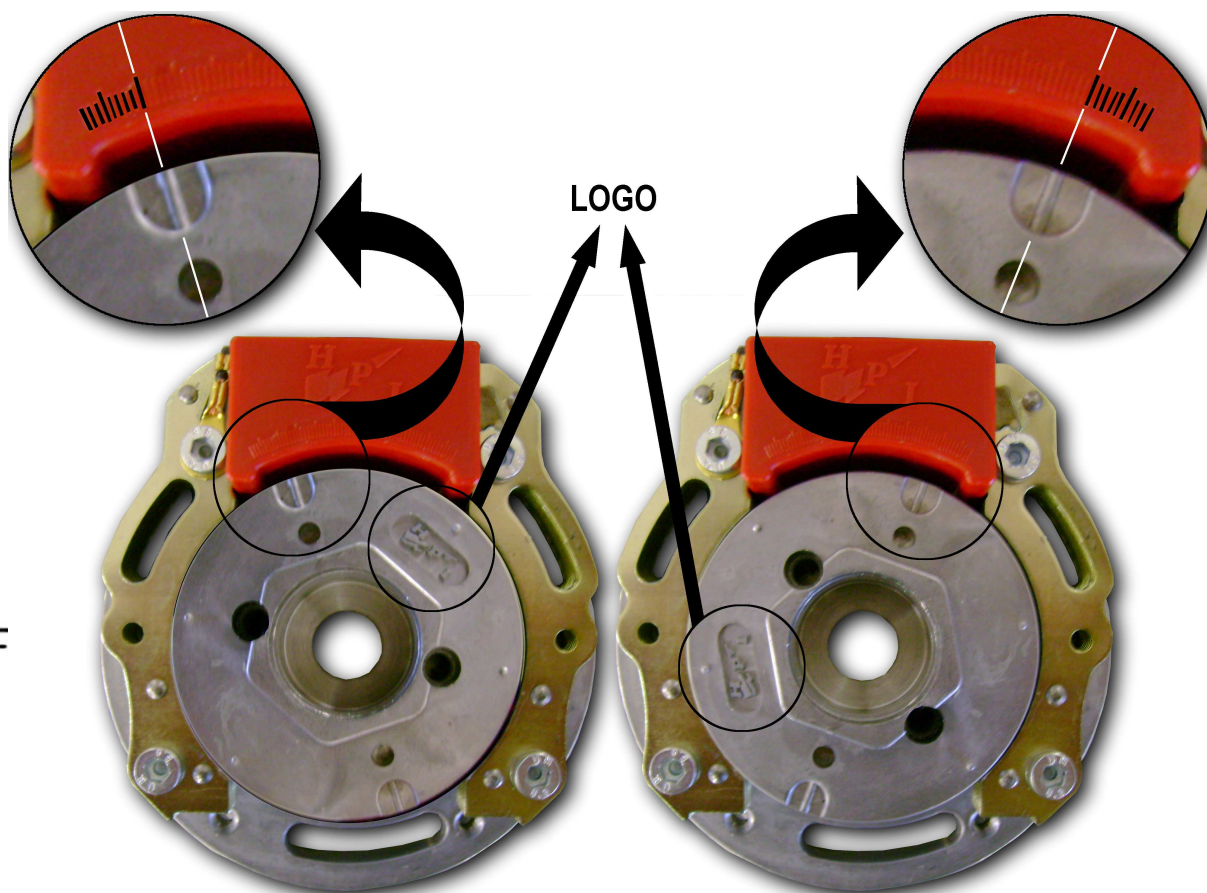


Image 2 (right rotating)

Image 3 (left rotating)

### REMARKS:

- ▶ to gain performance, you can try to vary between the 2 to 4 mm setting.
- ▶ HPI can deliver a **switch** to put between the optional yellow and yellow/blue cables, making curve-selecting easy.
- ▶ the optional yellow and yellow/blue cables may **never** come in contact with the **frame/mass !!!**