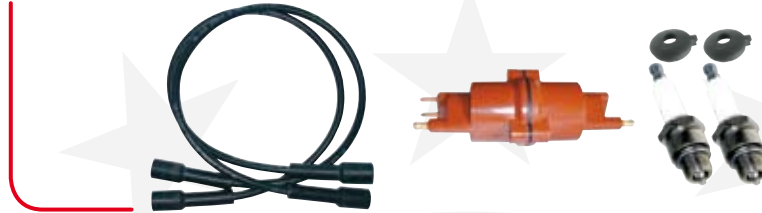


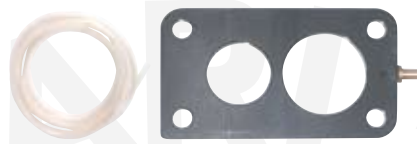


Installation **RACING 12V** electronic ignition

The MCC electronic ignition, **RACING** cover 12v, is made for the standard 12v black coil or for the brown electronic coil. (EVO kit ref 11110420).

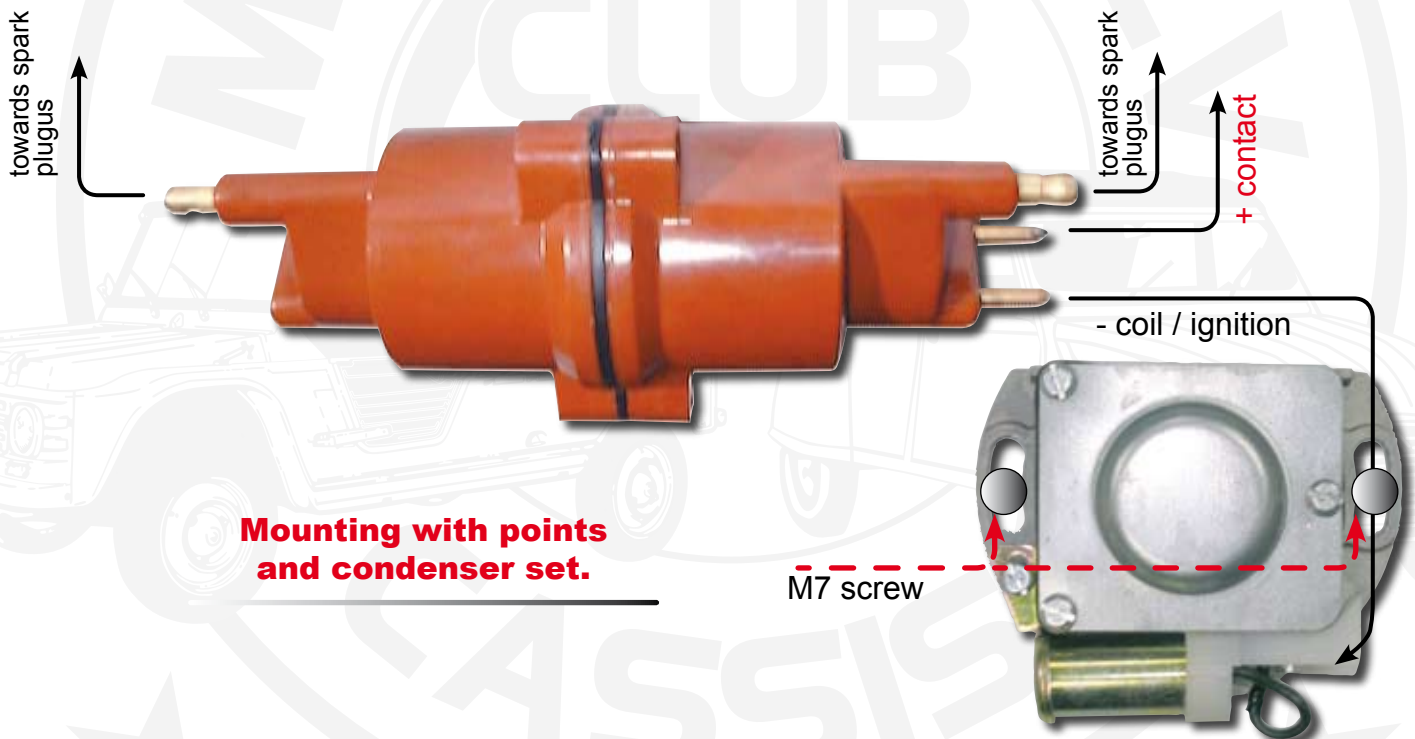


The 123/EVO offers a vacuum-advance sensor for the optimization of the engine, you can install also the EVO kit ref : 11110430.



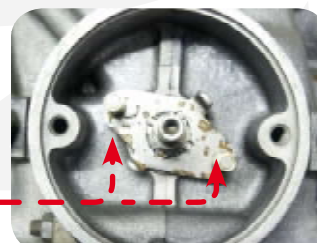
The installation :

- Cut the contact, dismantle the fan and the rubber waterproof seal of the ignition.
- Remove the ignition case and its condenser, remove the intermediate metal plate.
- Remove the joint of the distribution cam. Depose it, as well as the centrifugal weights. Conserve the 2 fixation screws M7. Clean well.



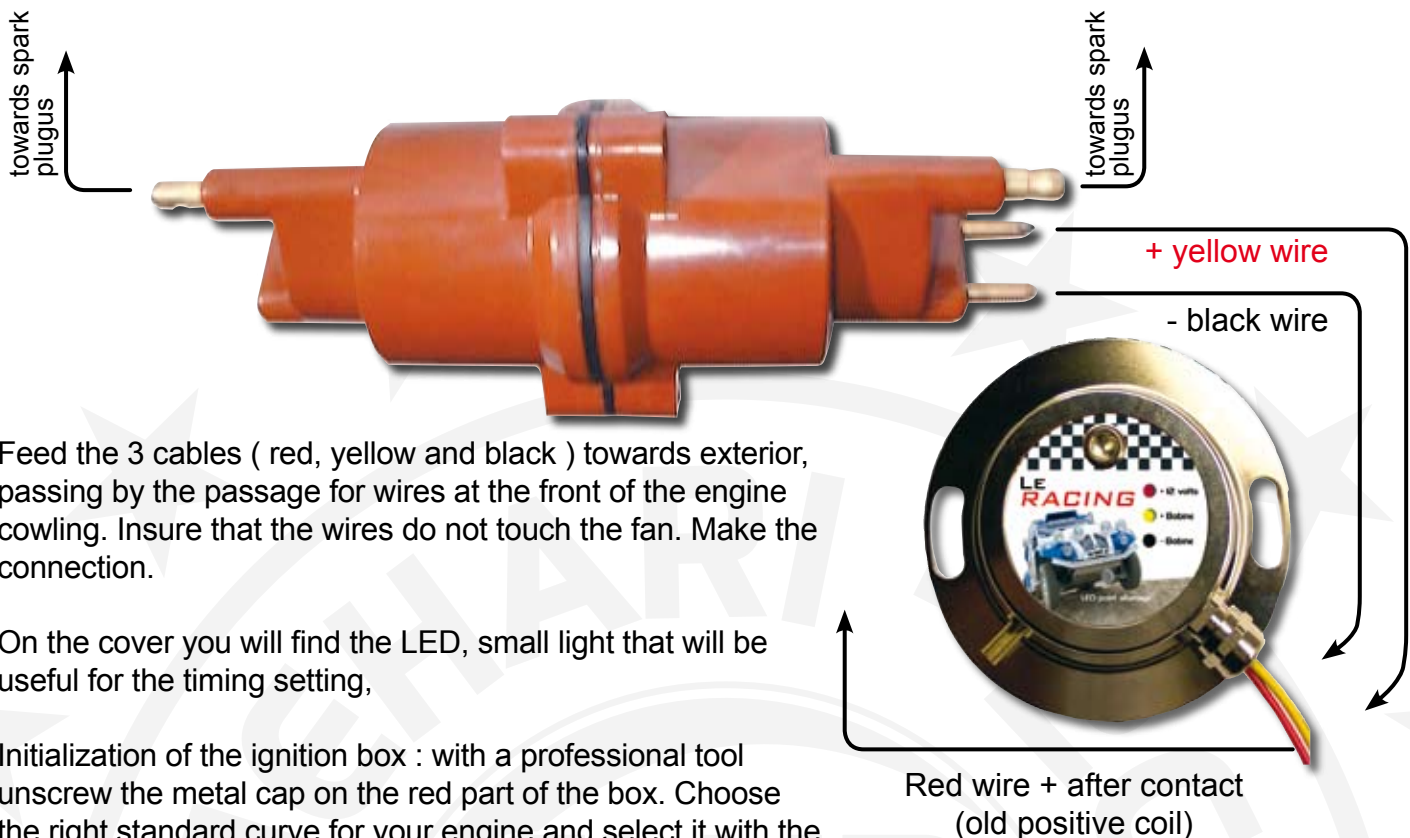
Place the 2 cylindrical magnets on the axes (old fixation of the centrifugal weights).Place the electronic case with the 2 screws M7 and the discs, do not block the screws this allows you to set timing.

Cylindrical magnets



Montage allumage **Racing I2 V**

Cable plan for the electronic ignition



Feed the 3 cables (red, yellow and black) towards exterior, passing by the passage for wires at the front of the engine cowling. Insure that the wires do not touch the fan. Make the connection.

On the cover you will find the LED, small light that will be useful for the timing setting,

Initialization of the ignition box : with a professional tool unscrew the metal cap on the red part of the box. Choose the right standard curve for your engine and select it with the curve selection switch. The box is delivered with the curve selection switch mode 0

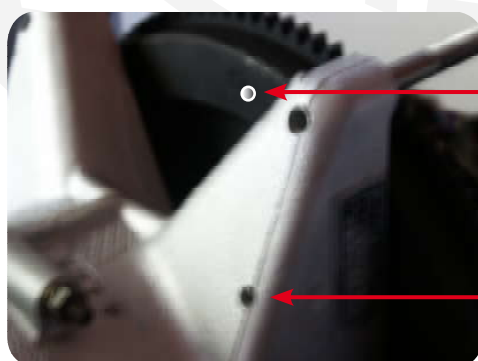
For the engine A79/1 M28 AND M28/1 position the curve selection switch mode 8 (other mode check the last page).

Timing setting

> Screw the fanbolt into the crankshaft. Insert a 6 mm timing rod through the hole in the crankcase. Align the crankcase hole (under the left inlet pipe) with the flywheel hole (as anticipated by the constructeur).

> Remove the timing rod (very important). Turn the contact, turn the electronic box to the left until the LED goes out, then turn the box towards the right. At a precise moment when the LED comes on. Tighten with 2 M7 screws.

> Remount the fan, the fan cover etc...Connect the sparkplug leads....your installation is over....



Flywheel hole

Crankcase hole

The timing setting

RACING mode switch settings

- 0 - 20°/3100 only for calibration, sensor inactive
- 1 - 20°/3100 tuning with regular fuel
- 2 - 22°/3100 tuning with regular fuel
- 3 - 24°/3100 tuning with regular fuel
- 4 - 26°/3100 tuning with regular fuel
- 5 - 28°/3100 tuning with regular fuel
- 6 - 14°/3600 curve « A » for 375cc, A53 et M4
- 7 - 20°/3000 curve « B » for A79/0 engine
- 8 - 25°/3000 curve « C » for A79/1, M28 ET M28/1
- 9 - 23°/5000 VA1-curve for V06/630 (VISA/LNA)
- A - 20,5/5200 VA4-curve for V06/644 (VISA/LNA)
- B - 24°/3100 tuning with E85/LPG
- C - 26°/3100 tuning with E85/LPG
- D - 28°/3100 tuning with E85/LPG
- E - 30°/3100 tuning with E85/LPG
- F - 32°/3100 tuning with E85/LPG

