

## UniLog Mounting instruction

Mounting of the UniLog system must be conducted with the use of the original Assembling Kit, delivered from Unipro with two cables, brackets, screws and magnet. The mounting instructions of this manual must be followed. Make sure that the cables are mounted with soft curves, so any sharp bends of the cables are avoided.

### 1. Position of the UniLog box

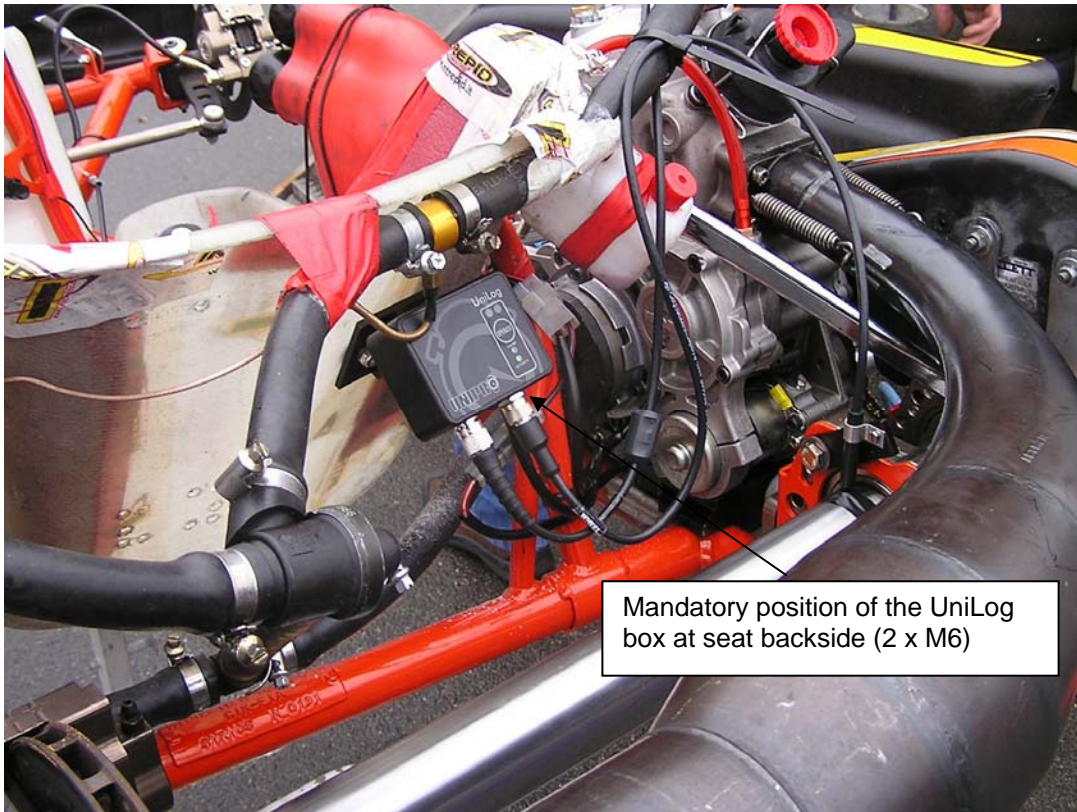


Figure 1

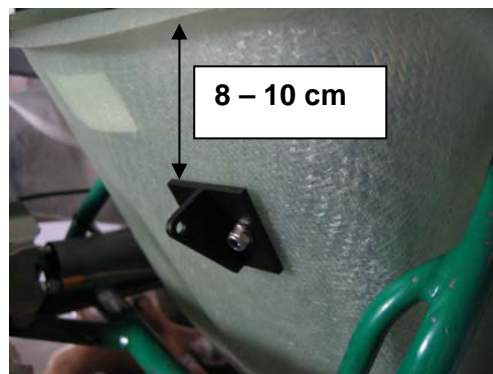


Figure 2

## 2. Wheel sensor and magnet

Clean the rear axle and mount the magnet on the rear axle with tape. Only one magnet is allowed. Mount the fitting for the wheel sensor on the bearing bracket as shown on figure 3.

The cable end with the sensor must be placed perpendicular to the magnet with a gap distance of 2-5 mm. See figure 5 for correct connection to the UniLog box.

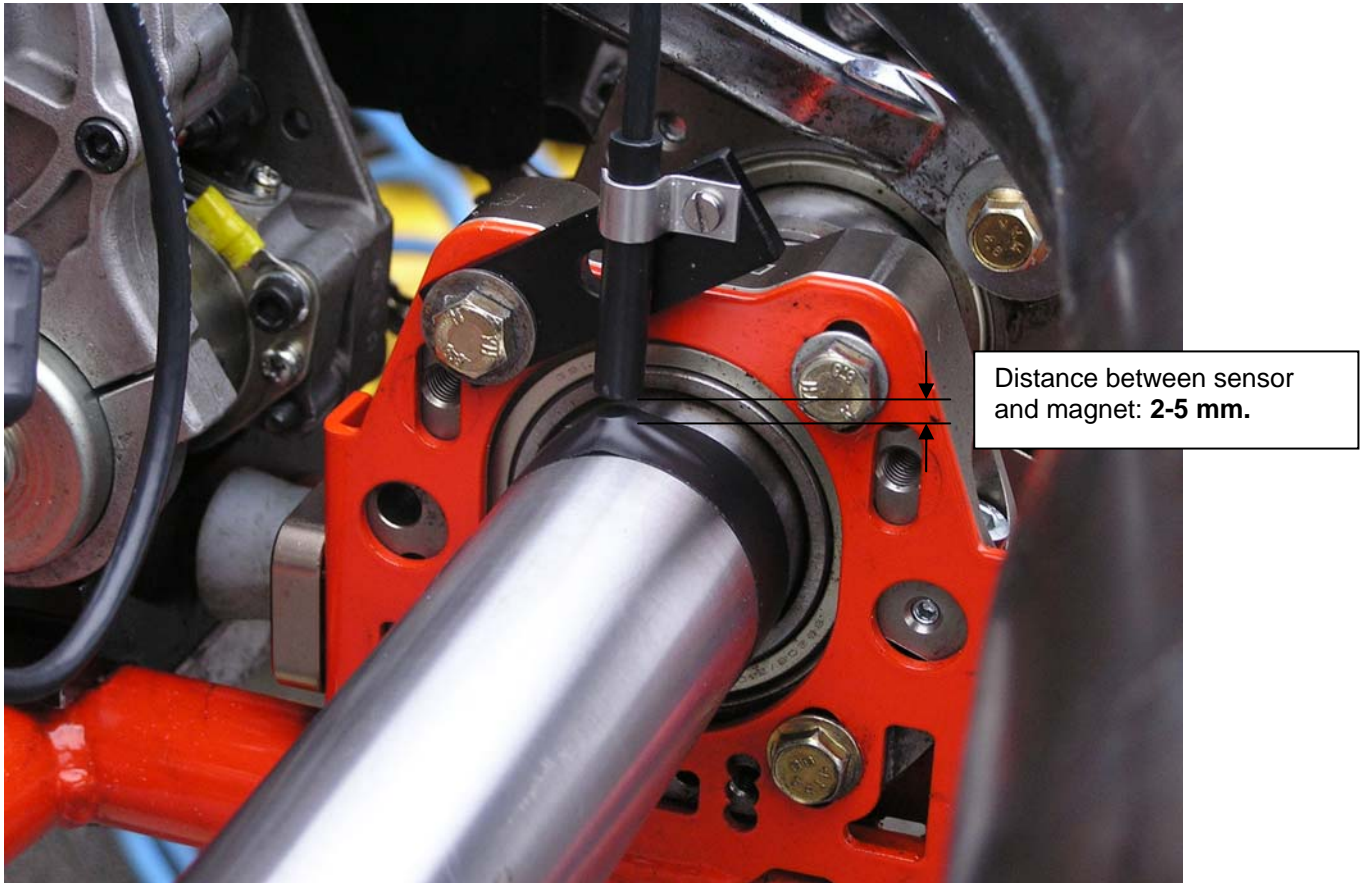


Figure 3

### 3. RPM sensor

Mount the RPM sensor on the HT cable with two tie-wraps, and place it in a distance of 5-15 cm from the spark plug socket, as shown in figure 4. Make sure that the RPM sensor has no contact to other cables than the HT cable. See figure 5 for correct connection of the RPM sensor cable to the UniLog box.



Figure 4

### 4. Control of functions

After properly mounting the UniLog system you must control the following functions:

- Put the kart on a trolley
- Start the engine and make the rear axle rotate
- The green activity light (see figure 5) must be flashing with an even frequency (0.5 sec.)

### 5. Failures

- No signal from the RPM sensor → the green activity light do not blink at all
- No signal from the Wheel sensor → green activity light is flashing shortly (0.15 / 0.85 sec. on/off)

## 6. More mounting pictures

Correct connection of the sensor cables to the UniLog box.

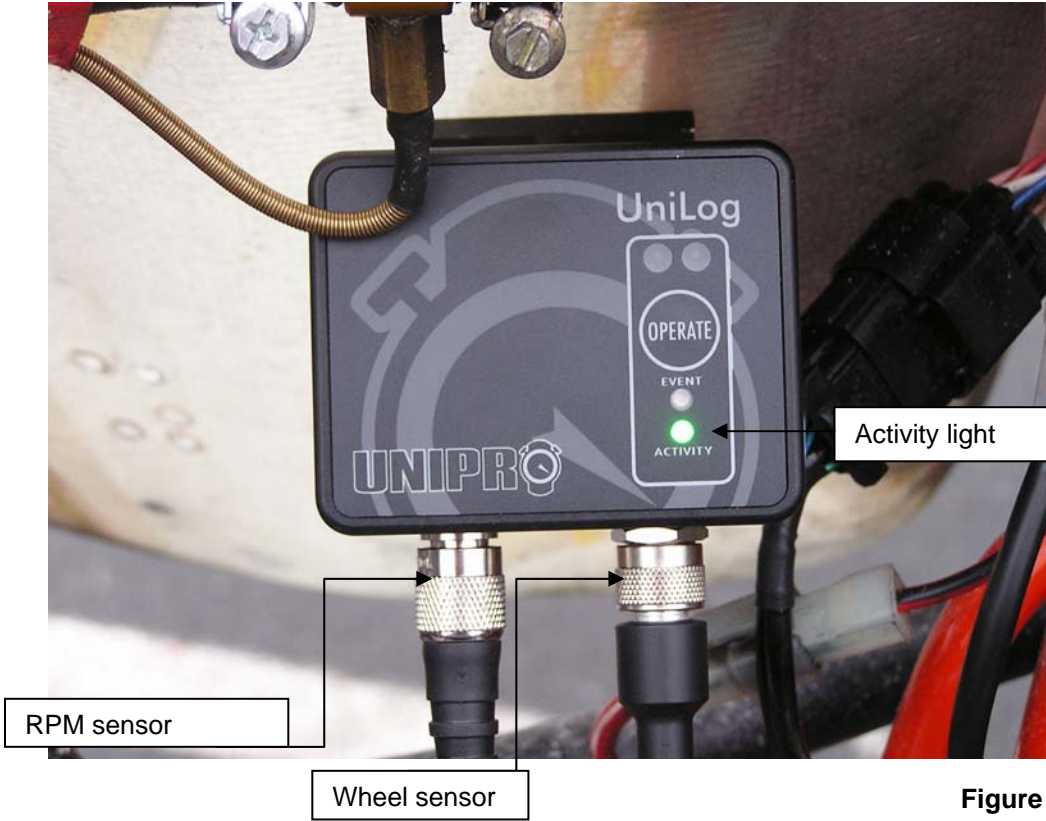


Figure 5

Correct mounting with soft curves on the cables.

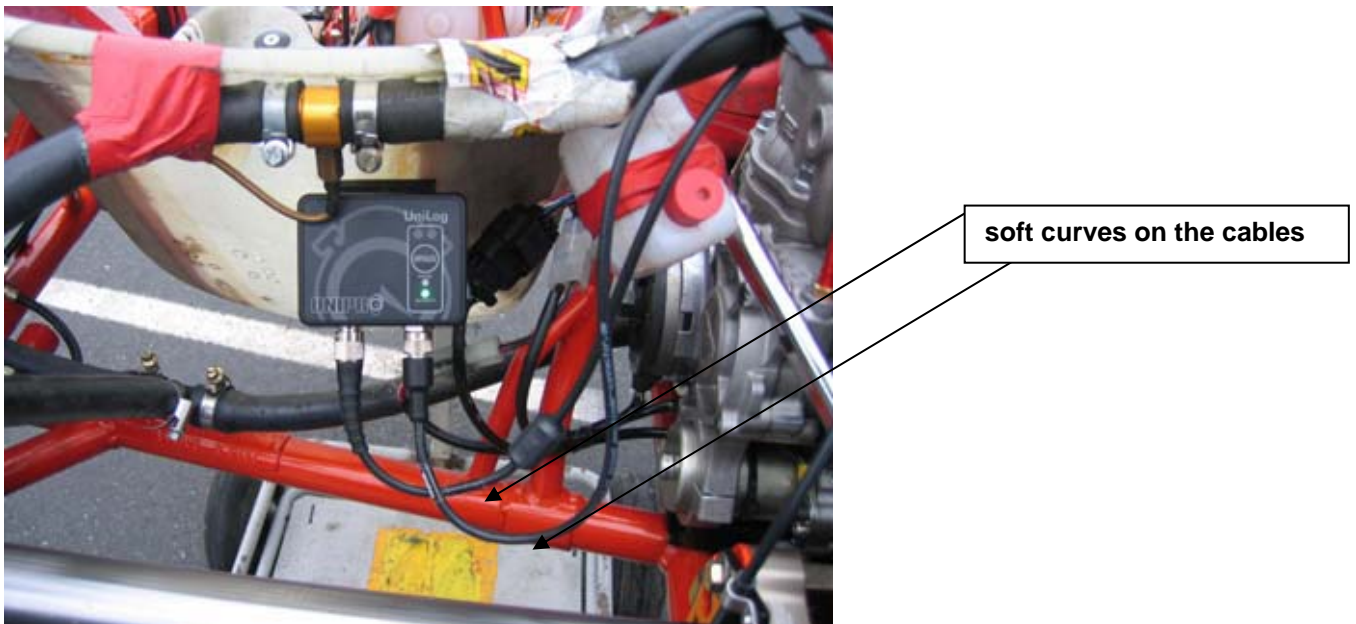


Figure 6