1.0 Speed sensors

The speed sensors (available for the GRIPONE units) are supplied with a kit of brackets that permit the fitting on the bike. Please follow these steps:

- Both sensors are to be applied so as to detect the passage of the bolt of brake disk
- The sensitive part of the sensor is characterized by a "circular scope"
- The sensor must be mounted in such a way that the sensing face is facing the screws of the brake disc (or sprocket).
- The distance between the sensing face of the sensor and the bolt head must be in between 1mm and 4mm.
  Once set the sensors and ECU is powered up, the passage of the screw must turn on the LED positioned at the rear of the sensor.
- If the screws of the disc have a hollow head (such as the Allen screws) the sensor must be applied in such a way that the sensitive part detects only theouter ring of the screw. The sensor may not detect the central cavity.
  The M3 screw holding the sensor to the bracket is tightened with Loctite thread locker.

2.0 Front sensor

The bracket of the front sensor is fixed with two bolts (of fork leg) that hold the front wheel axle. The frontal buttonhole allows the slide of bracket (in the transverse direction with respect to the bike motion) so as to put the sensor at the correct distance from the bolts. The longitudinal slot allows the sliding of the sensor in order to place it on the radius of rotation of the bolts of the brake disk.

2.0 Rear sensor

The brackets of the rear sensor are two: a large (the A) and a small (B). The bracket "A" is secured to the chain adjuster of rear wheel. The bracket B is fixed on the bracket A as shown in the figure above (through the life M6). The sensor is fixed on the bracket B with M3 screw. The slot on the bracket B (on the M6 screw) allows you to set the correct distance between the sensor and rear brake disk bolts (or crown). The slot on the M3 screw allows to slide the sensor and place it on the radius of rotation of the screws of the disc.