2D
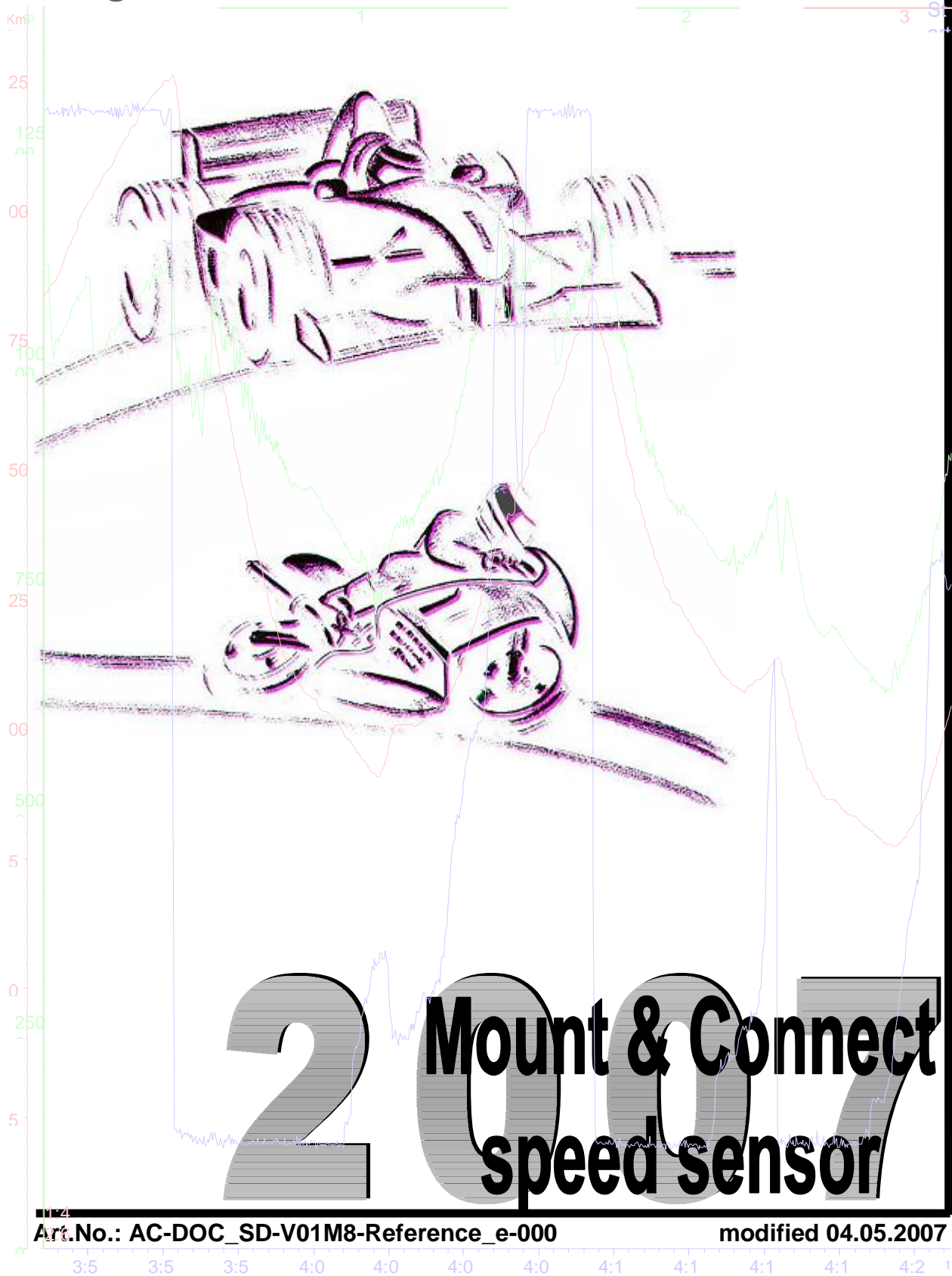## 2d-datarecording.com

- English -

Mount & Connect
speed sensor

2007

Mount the speed sensor SD-V01M8-000:

The Speed sensor is normally mounted on the front fork. The sensor responds to ferrous metal parts e.g. screws, bolts (bolts with flat head will give a good signal, inbus screws eg. Allen, Torx, will give a bad signal). The more screws you use the better the accuracy at slower speeds (typically use 3~6 screws). The nominal distance between screw head and sensor is 1-2 mm. Now connect the blue connector from the sensor with the original **2D** loom or box.

*Example: Mounting **2D** speed sensor (SD-V01M8-000)*
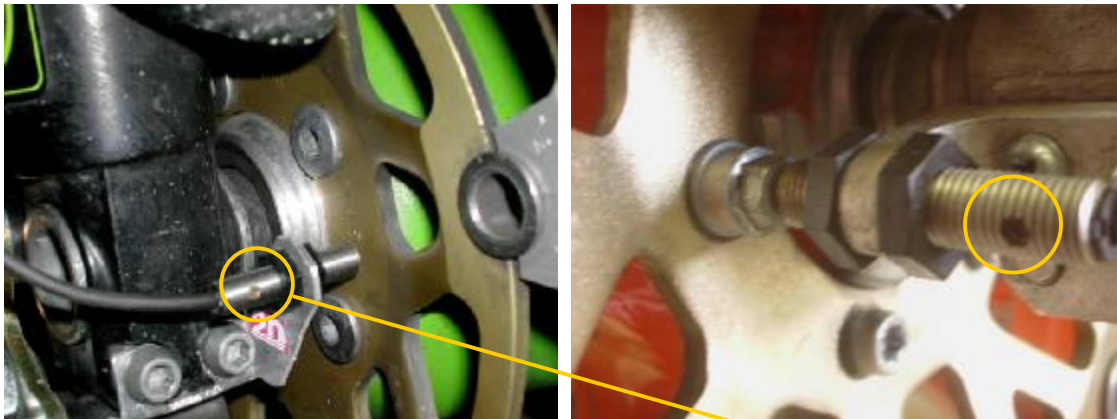
If using the original 'inbus' screws please mount so the sensor detects only the flat border, not the centre hole!

Yellow LED lights when metal detected

Adjustment for the digital channel front speed (V_Front)
- Lift the bike so that you can turn the wheel
- Start the communication tool Winit and in the tree view click on **<Channels>**
- Turn the wheel to see which channel the sensor is connected to (yellow LED in the sensor blinks when signals from metal points are detected)
- Click on this reacting channel and rename it (V_Front)
- Make a mark on the wheel
- Click **<Count>**
- Turn the wheel **one** revolution and check the number of signals counted
- For a better resolution turn the wheel x times and divide the number of signals by x
- Click on the channel V_Front
- Click on the tab **<Parameter>**
- Enter the number of Pulses (number of sensor signals in one wheel revolution)
- Measure the tire circumference using a normal tape-measure
- Enter the circumference in mm.
- Click **<Apply>**