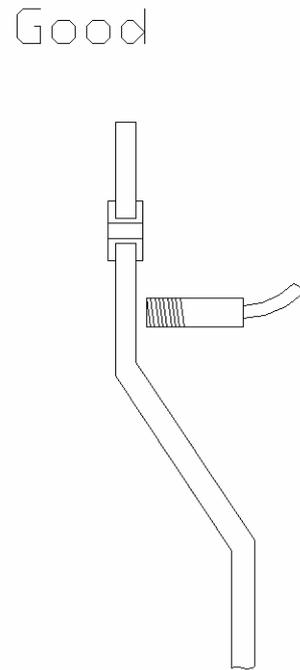
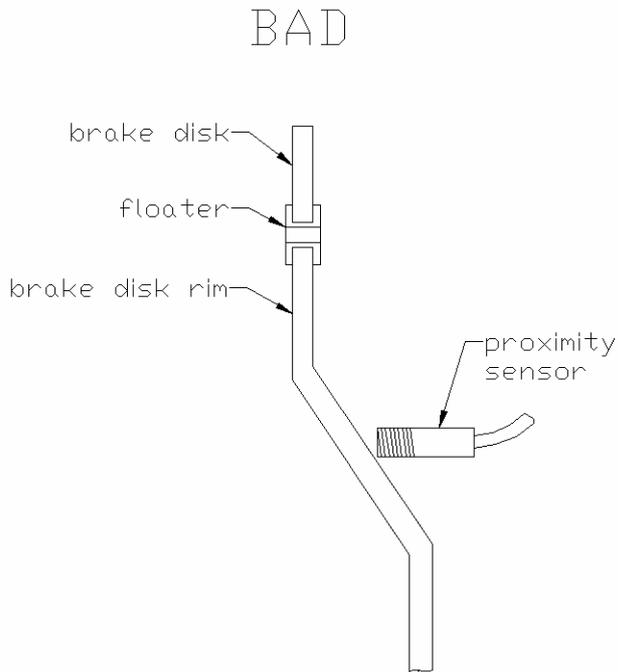
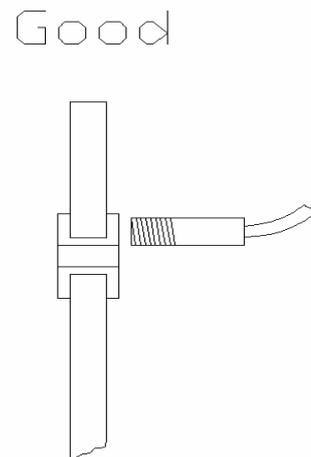
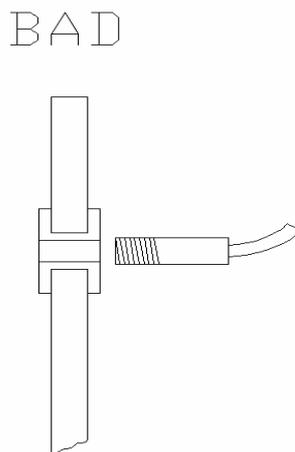


Important mounting instructions for proximity sensor

1. Mount the sensor always towards a **straight surface**.



2. The trigger surface must have a minimum area of 10mm and each trigger surface on one wheel rotation must have the same geometrical properties.



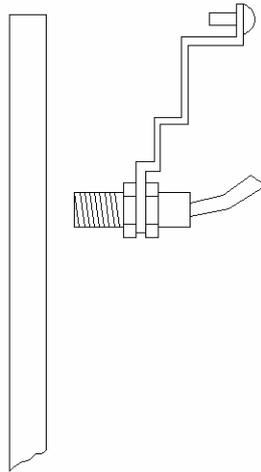
Mounting position causes a bad signal.



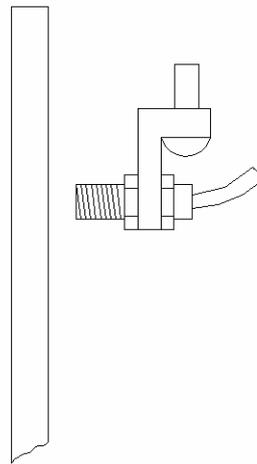
This position gives a good signal.

3. The mounting bracket must be stable! It must be ensured that during driving the vehicle the sensor can not vibrating due to motor vibrations, wind, or vibrations caused by bumps on the road.

BAD

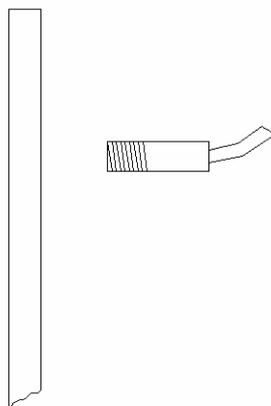


Good

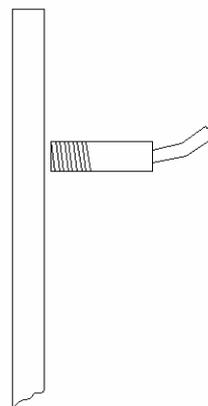


4. The distance between sensor tip and trigger part must be **less than 1,5mm**. The distance must be stable during riding the vehicle.

BAD



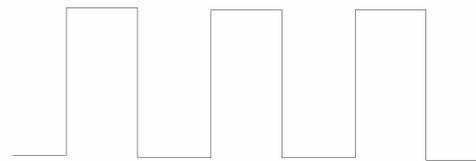
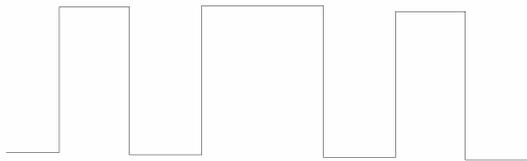
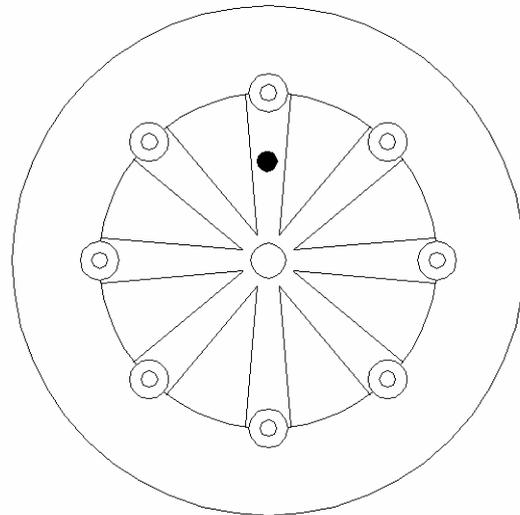
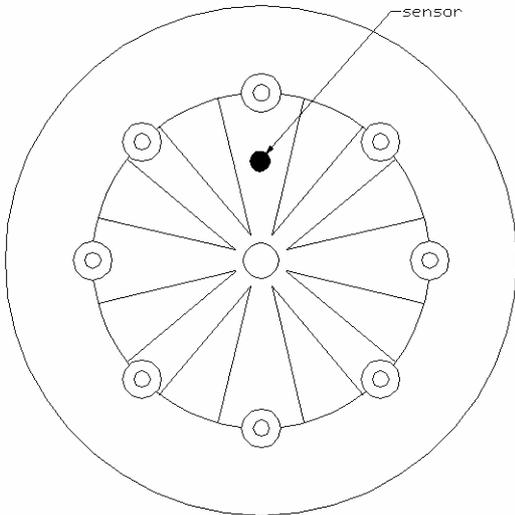
Good



5. The trigger surface must have a **minimum area of 10mm** and each trigger surface on one wheel rotation must have the **same geometrical properties**.

BAD

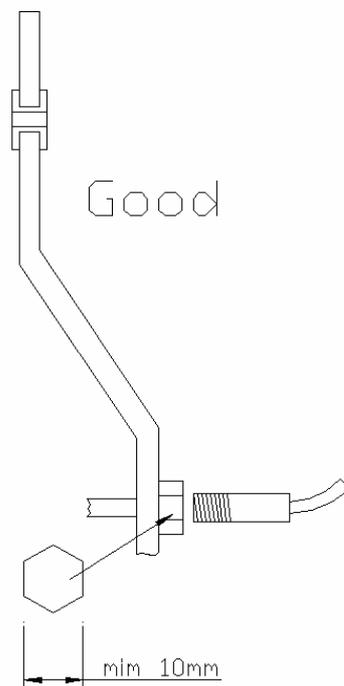
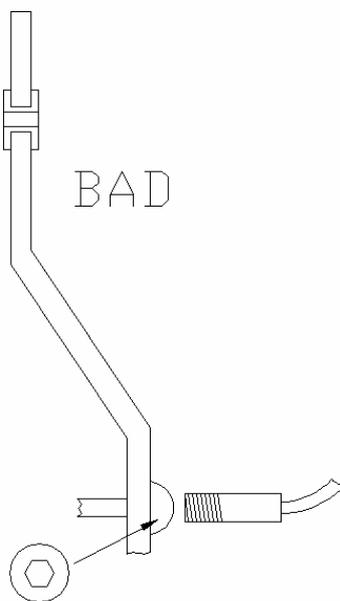
Good



This constellation causes different length from pulse to pulse and confuse the motoscope.

The equal trigger cause a good signal

6. Don't use inner hexagon screws as trigger. Change them to outer hexagon screws. The outer length of the screw surface must be more then 10mm.



7. Do not use a magnet as a trigger. Following materials are allowed:
Aluminium, Steel, Titan, Stainless Steel, Magnesium.

8. The minimum amount of impulses per wheel rotation must be 3 trigger signals.
The maximum amount of impulses per wheel rotation must be 20 trigger signals.

9. The position of some brake disk can change during braking due to the floating attachment of the disk. If the speed signal disappears during braking check or if necessary change the mounting position of the sensor.

10. There is the possibility of using the motoscope Classic also with OEM Sensors.
Motogadget can not check the correct function for all Bikes and all models. Motogadget can not guaranty a proper function if the motoscope is used with OEM sensor. The customer has to be check by himself. If the is no proper function with OEM sensor possible, the motogadget proximity sensor must be used.