

# gearsensor.com

**gearsensor.com** quick assembly guide

Version: V.1

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## Gearsensor.com certifications:

Gearsensor.com is RoHS Compliant, based on information provided by our suppliers, this product does NOT contain the substances restricted by the RoHS legislation at levels over the maximum concentration values.

Gearsensor.com is fully CE certified, it also includes EMC certification.



## gearsensor.com assembling to the e-bike

### First step – choosing position

**Gearsensor.com** position on shifting cable is chosen by the customer, mainly with respect to the gearsensor.com cable length related to drive unit connector position.

For choosing the ideal position we recommend to follow these main instructions:

- place **gearsensor.com** to the straight or minimum bended part of the shifting cable
- do not place **gearsensor.com** to the place which is directly splashed by water and mud (for example from the wheels/tires)
- when preparing the cable routing, avoid places which could cause damage of **gearsensor.com** electric cable.

### Second step - outer cable cutting

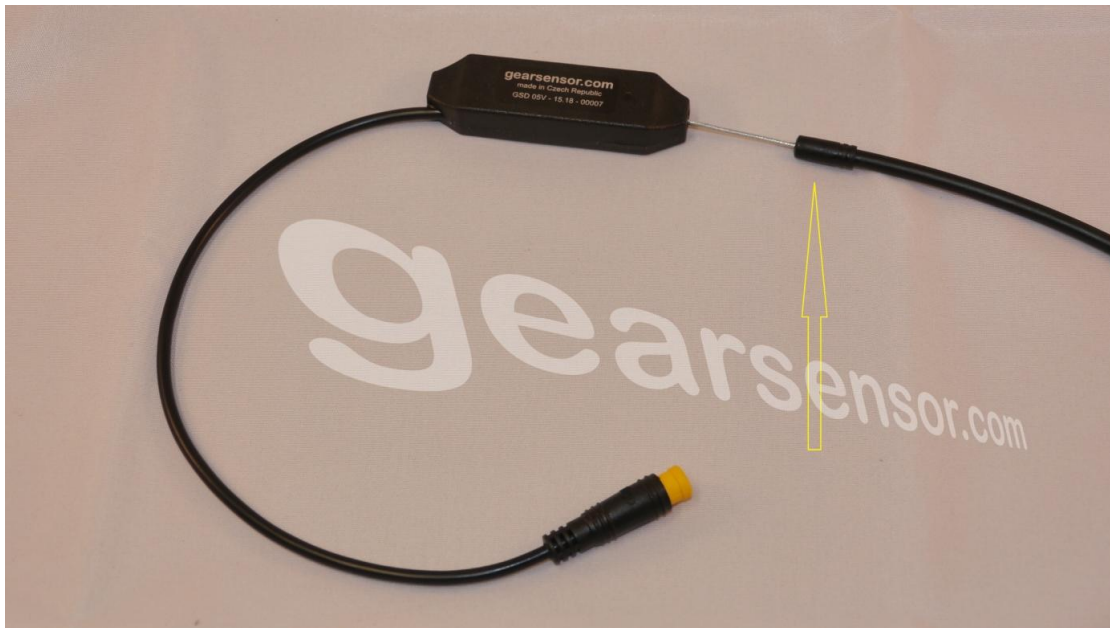
Cut 50mm of the outer casing, and place cap ends on the both ends of cut outer casing.

### Third step – inner cable routing via housing

Start pushing the inner cable into the plastic housing from any of **gearsensor.com** sides to fit cable direction to the controller input. When pushing inner cable into the housing, keep inner cable as much as possible parallel with both axis of the housing.



Now that you have the shifting cable inside of the housing and you have to push harder until the shifting cable goes out of the housing on the other side of **gearsensor.com**. When pushing inner cable into the housing, keep inner cable as much as possible parallel with both axis of the housing.



In below picture the inner cable is correctly fixed into the housing. Then adjust shifting system properly, and connect gearsensor.com to drive unit input.



How do you know that **gearsensor.com** is working properly?

If the **gearsensor.com** is connected correctly, after turning on the control unit on your e-bike, the **gearsensor.com** LED indicator will flash twice. Also when the shifting process is activated, then LED indicator blink once.

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