

## LiteOn AA142 SPEED SENSOR INSTALLATION INSTRUCTION

Install one or two magnets to cardan shaft with min. diameter of 5 cm or two magnets to inner joint of drive shaft. Stick the magnet with double-sided tape and fix with cable tie. Install the sensor as close to the magnet as possible as shown in the picture.

Distance between magnets and sensor may never vary, for example by compressing and extending of suspension.

Connect one wire of the sensor to the cruise control blue wire of speed signal and the other to green / white wire (ground). Make sure the wires stays away from magnetic disturbances from eg generator, electric motors and thick cable harnesses.

The magnets passing through the sensor coil generate an alternating voltage, the frequency of which depends on the rotational precipitation of the drive shaft or cardan shaft, ie the speed of the car. To check the operation of the sensor, an alternating voltage of about 0.1 - 0.3 V must be measured in the wires of the sensor.

