

! IMPORTANT, READ BEFORE INSTALL !

**Universal Navi-Speed-Sensor "Fabian-Adapter"[®]
speed-signalling device for car-navigation-systems**

GPS-receipt and electronic gyroscope (compass) need all car navigation systems still another further component beside, which is necessary for a correct distance computation at the car. The so-called **speed signal/electrical speedometer signal**. This signal, which is substantial for correct navigation, **is not each time** available or simple to connect at the car.

You can the navi-speed-sensor use, if the car

- of older year of construction is and only is equipped with a mechanical speedometer
- no compatible speedometer signal spends (sine-similarly voltage)
- of newer year of construction is and is equipped with CAN-Bus technology (save a expensive interface)
- generally no good and inexpensive possibility for supply a compatible signal offers

The sensor works **problem-free** with the most car navigation systems of **the marks** Alpine, Becker, Blaupunkt, Clarion, Grundig, JVC, Kenwood, Pioneer, Philips, Siemens, VDO-Dayton and is almost installable at each car

>Installation recommendation consider !<

This sensor contains these parts:

- 1x Long clip with adjustable magnet giver and catch (1.1)
- 1x Spare part / extension clip without magnet giver
- 1x Metal pin with integrated sensor and cable with plug (2.1)
- 1x Signal wire extension 4m and plug (3.1)
- 8x Cable straps
- 1x Connection material/ mounting material-set
- 1x This description

Installation recommendation (Example)

Subject **in no case** the sensor with voltage, damage of the sensor!
If you are not familiar with the mechanics and the electrical connection at the car, **let the installation in an authorized workshop make**

1. To a suitable place at one the wheel drive axle or cardan shaft **without vertical and horizontal movement**, if possible at the transmission exit hub (a) the long clip with giver (1.1) is put and pulled together firmly. It is on it to respected which sits firmly the clip, with turn and movement the axle with other parts **into contact does not come**. Afterwards the remainder of the clip **completely cut off** by the catch exit.
2. The Metal pin sensor (2.1) in such a way to the giver position, which an intermediate distance of **5mm (+/-1mm)** results. The attachment metal pin takes place at an nearby screw at transmission or body. In addition the metals pin can be bent or also shortened. The metal pin get thus electrical **grounding must receive** metallic contact by the screw connection. Examine again correct positions and **free course of the wheel drive axle** after the install.
>Important! If the car drives, in no case the parts touch themselves<
3. Plug the cables connection together (3.1). Transfer Signal wire (**black**) with the help of the cable straps to fasten and up to the speed signal input of the navigation system lead. There connect accordingly with suitable link.

If all steps of this description are obeyed, then the car must be driven to calibrate the navigation system. Further information reads you in the manual of the navigation system under "calibrating".

