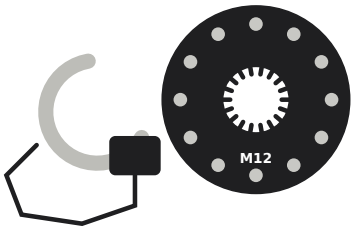
INSTALLATION GUIDE

Fitting the V8, V10 or V12 pedal sensor

For the Van Beijck pedal sensors with separate magnet disc: V8 (8 magnets), V10 (10 magnets) and V12 G3 (12 magnets).



In the box

- Pedal sensor V8, V10 or V12
- Magnet disc (8, 10 or 12 magnets)

What you need

- Crank puller
- Allen key 8 mm
- Open-end spanner 15 or 16 mm
- Mounting sealant or strong glue (only if there is no mounting point)
- File or saw (only if the crank is too close to the sensor)

Safety first
Disconnect the battery before working on cables, the controller or the motor. Make sure the bike stands firmly, preferably in a work stand. In doubt? Have the installation done by a bike shop or a Van Beijck dealer.

Step by step

1 Remove the left crank

Use the 8 mm Allen key to remove the bolt from the left crank. Then screw the crank puller into the crank and turn the puller's nut inwards with the 15 or 16 mm spanner. The crank then comes off the bottom bracket.

2 Fit the sensor

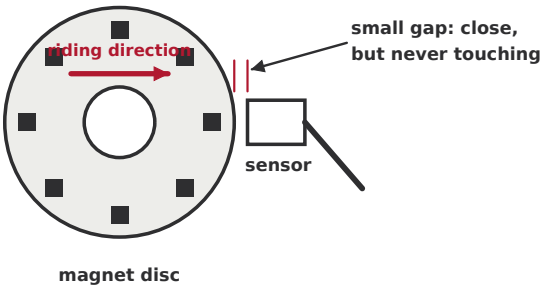
Slide the metal ring with the sensor over the bottom bracket axle and fix the sensor firmly against the frame.

V12 G3: left or right
The V12 G3 comes in a left-hand and a right-hand version. Choose the version for the side where you fit it.

- **With a plastic cap at the bottom bracket:** fit the ring behind the cap, with the sensor facing outwards (towards the side where the magnet disc goes).
- **No mounting point?** Degrease the frame thoroughly at that spot and fix the sensor with weatherproof mounting sealant.

3 Fit the magnet disc

Slide the magnet disc over the bottom bracket axle, as close to the sensor as possible.



> **Arrow in the riding direction**
> The arrow on the disc must point **forwards** (in the riding direction). If the disc is fitted the wrong way round, assistance only works when you pedal backwards.

4 Refit the left crank

Put the crank back on the bottom bracket axle and tighten the bolt firmly with the 8 mm Allen key.

> **Disc must not touch the sensor**
> While tightening, check carefully that the magnet disc is not pressed against the sensor. If there is too little space, a small piece may need to be filed or sawn off the inside of the crank.

5 Connect the cable

Route the cable neatly along the frame to the controller and connect it to the pedal sensor plug (black).

Check after fitting

- ☐ Arrow on the magnet disc points forwards
- ☐ Crank bolt firmly tightened
- ☐ Disc turns freely past the sensor
- ☐ Test ride: assistance starts when pedalling