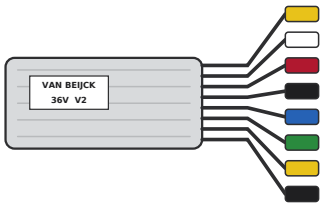
INSTALLATION GUIDE

Replacing the controller and display



For the Van Beijck replacement kit for the Bewo mid-drive motor and the repair kits for Amslod Hamilton and Stella. Your own battery and motor stay in use.

In the box

- Van Beijck controller
- Display (Bewo: Slim V2, Lyra V3 or Dewi V3; Amslod: Dewi G3; Stella: Dewi V3)
- Cables
- Pedal sensor (Bewo: for the lock nut; Amslod: V12 right; Stella: BSA for the left crank)

What you need

- Phillips screwdriver
- Allen keys
- Side cutters and cable ties

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.

Kit	What is replaced
Bewo mid-drive motor	Controller, display and pedal sensor
Amslod Hamilton (front hub motor, 9-pin)	Controller, display and pedal sensor
Stella (front hub motor, 9-pin)	Controller, display and pedal sensor

Only with a 9-pin motor plug
The kits for Amslod Hamilton and Stella only fit a front hub motor with a **9-pin** motor plug. Count the pins in the motor cable plug. In doubt? Contact us first.

Remove the old parts

1. **Remove the battery**
   Switch off the system and remove the battery from the bike.

2. **Remove the old display**
   Remove the old display from the handlebar and disconnect the display cable.

3. **Remove the old controller**
   Disconnect all plugs from the old controller. You may want to take a photo first so you know which cable went where. Remove the old controller.

Fit the new parts

4. **Fit the new controller**
   Put the new Van Beijck controller where the old one was.

5 **Fitting the display**
Fit the new display on the left of the handlebar (see *VB-HL-06 Fitting the display*).

6 **Replace the pedal sensor**
Replace the old pedal sensor with the one supplied.
Bewo: the pedal sensor sits on the lock nut, fixed with 2 Phillips screws M3. Tighten them, but not too tight (see *VB-HL-14 Fitting the Bewo mid-drive motor*).
Amslod: a V12 pedal sensor on the right (see *VB-HL-04 Fitting the pedal sensor V8, V10 or V12*).
Stella: a BSA pedal sensor for the left crank; the chain case does not need to come off (see *VB-HL-05 Fitting the BSA pedal sensor*).

7 **Connect**
Connect the motor, display, brake sensors and pedal sensor to the new controller. Push the plugs straight together, with the arrows lined up.

8 **Finish the cables**
Route the cables neatly along the frame and secure them with cable ties (see *VB-HL-13 Finishing the cables neatly*).

Test

9 **Fit the battery and switch on**
Fit the battery and switch on the display.

10 **Test**
Lift the driven wheel and pedal gently: the motor assists. Squeeze a brake: the motor stops immediately.

Check after fitting

- ☐ All plugs firmly connected
- ☐ Display switches on
- ☐ Motor assists when pedalling
- ☐ Motor stops when braking
- ☐ Cables cannot get into the wheel or chain anywhere