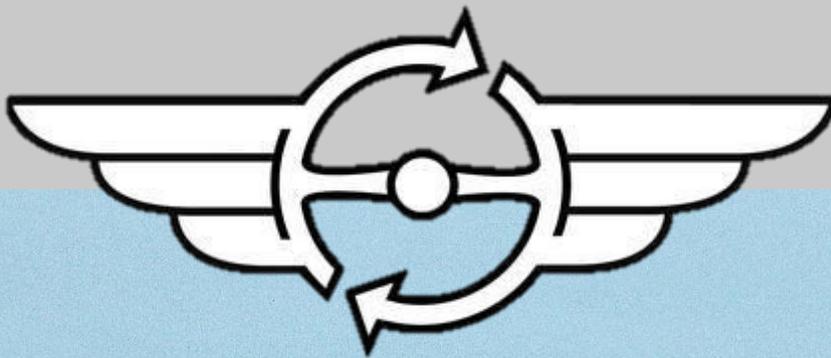
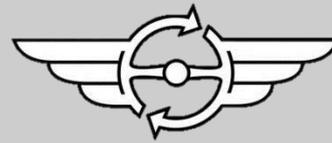


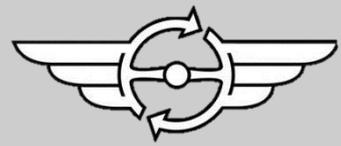
EZ ELECTRIC POWER STEERING
INSTALLATION MANUAL
VOLKSWAGEN GOLF MK1 CABRIO





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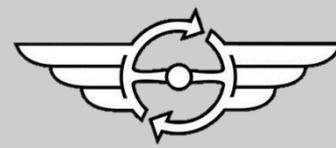


THE PRODUCT

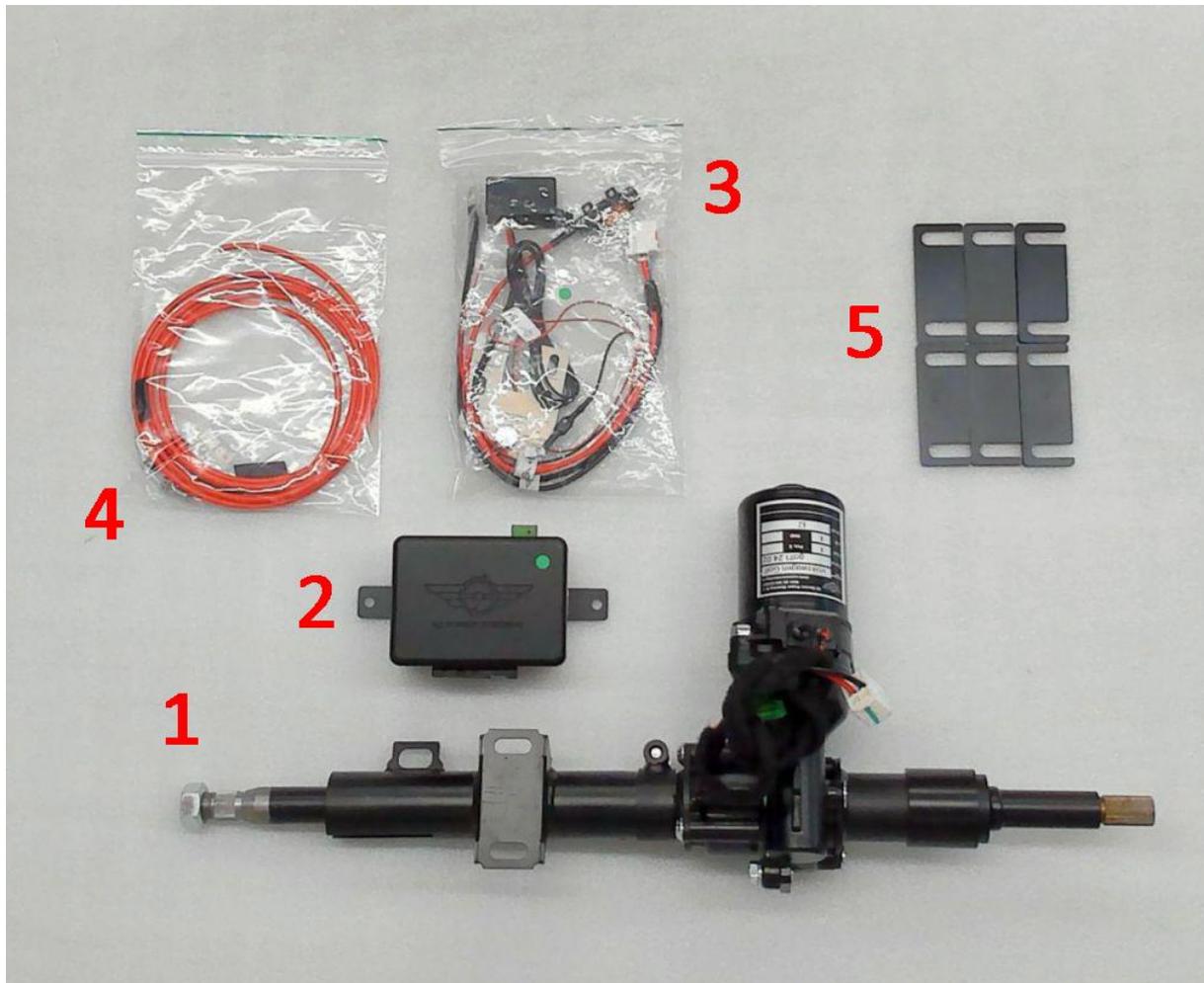
Thank you for choosing an EZ ELECTRIC POWER STEERING product for its quality, its performance, type approval and its straightforward assembly. Since 2006 we have been manufacturing complete steering columns with integrated electrical assistance. All columns are tailor made for each type of car and we have over 200 different types in stock. For more information about our products (power steering systems and replica steering wheels) or to place an order, visit our website www.ezpowersteering.com or send an e-mail to info@ezpowersteering.nl. If you have any questions of a technical nature please contact workshop@ezpowersteering.nl.

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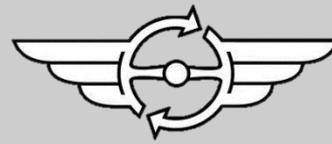
*This installation manual must be read very carefully to avoid mistakes.
Check if all parts are present in the kit using the picture in the manual.
Compare the EZ Power Steering Column with the original column. Examine if the sizes are similar.
If you do not have the skills or tools to carry out the installation, then have a professional fit the kit for you.
EZ Power Steering cannot be held accountable for a faulty installation or damages to the kit or vehicle.*



OVERVIEW OF THE KIT



- EZ-VWMK1-1: EZ power steering unit
- EZ-VWMK1-2: ECU
- EZ-VWMK1-3: Wiring harness + potentiometer
- EZ-VWMK1-4: Power supply cable
- EZ-VWMK1-5: Filler plates



INSTALLATION

Step 1.

Take the car for a test drive and check the original steering system for defects. Check your tire pressure as well. If everything is functioning correctly, continue with the conversion.

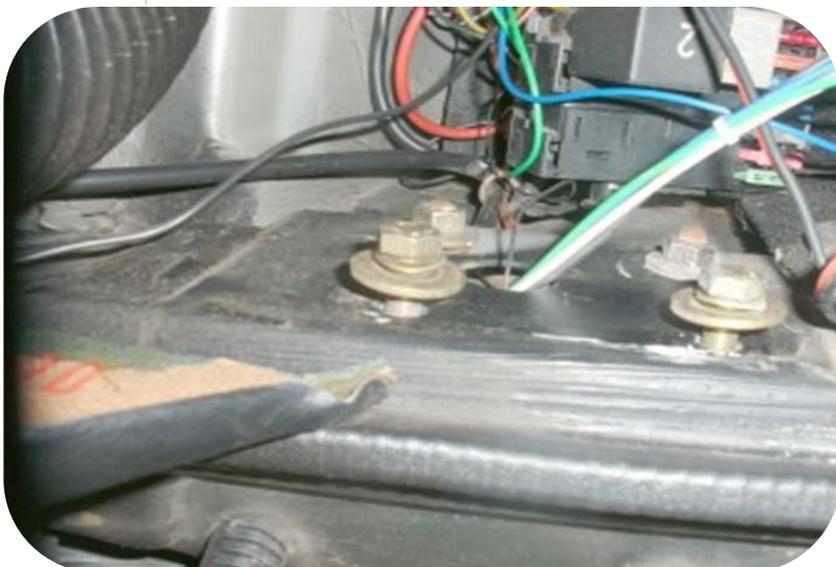
Step 2.

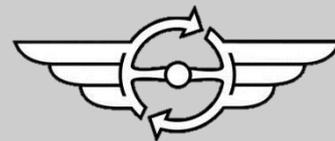
Locate an ignition switched plus and label this wire. This is needed to control the EZ unit. Align the wheels straight ahead and mark this position. Then, disconnect battery earth.



Step 3.

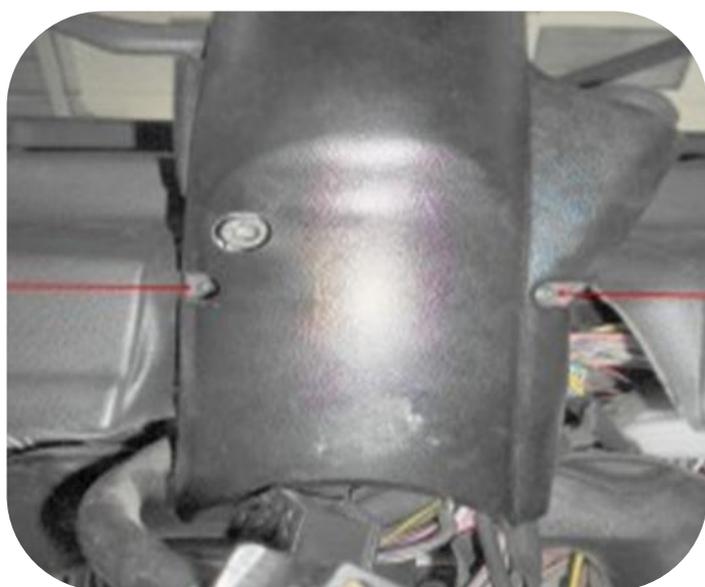
Demount the lower bar of the dashboard by using 8 nuts/bolts (4xL, 4xR).





Step 4.

Remove the steering wheel.



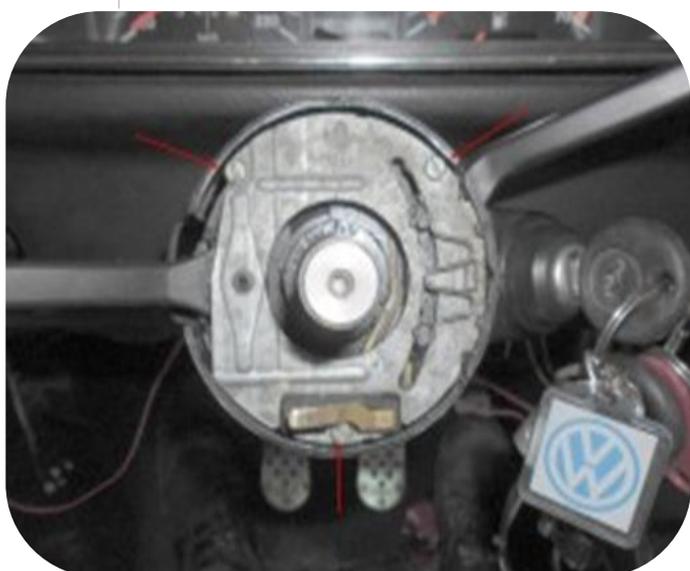
Step 5.

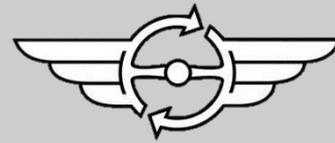
Remove the lower cover from the steering column with a 2x Phillips screw.



Step 6.

Demount the three mounting bolts from the column switch. Also disconnect the connectors from the bottom of the column (NOTE: versions with MFA have an additional connector).





Step 7.

Remove the universal joint from the steering column.



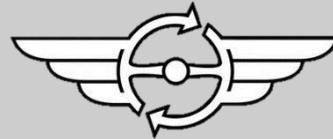
Step 8.

Remove the clamping strip from the pedal holder, which holds the steering tube.



Step 9.

Unscrew the 4x mounting bolts from the column. The bottom two can be removed. TIP: The upper mounting bolts can be removed using a Torx cap. Tap it and unscrew it. Later on the Allen bolts will be installed in this spot. The bottom bolts are normal Allen 6mm bolts.



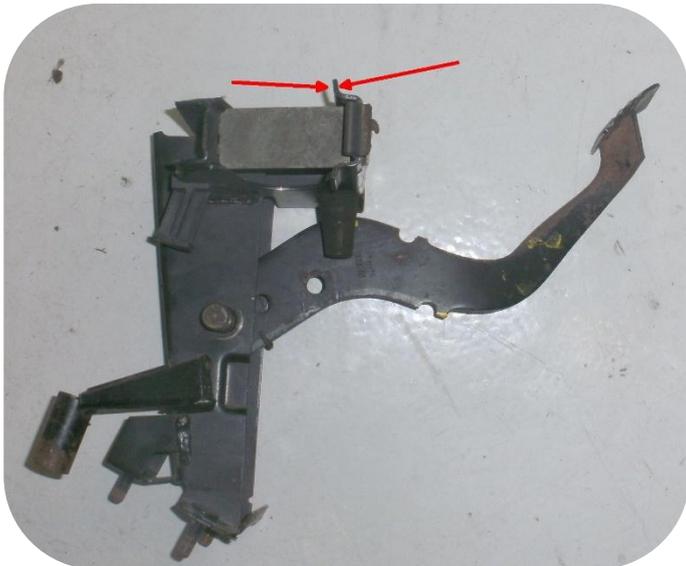
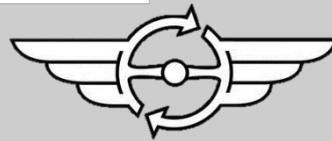
Step 10.

Remove the top cover of the steering column. After this, the plug connections can be detached. The column switch can be removed as well.



Step 11.

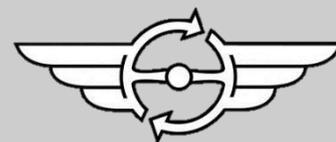
Remove the steering column.



Step 12.

Grind/cut away part of the pedal holder (it is not necessary to remove it entirely). This is in order to have enough space for the power steering unit.





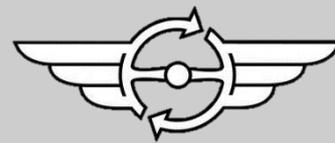
Step 14.

Now install the power steering unit in the car - without the electric motor! The electromotor can be mounted afterwards.

Do not yet fix the two upper mounting bolts yet.

Step 15.

Install the bottom universal joint of the steering column, without the spring.



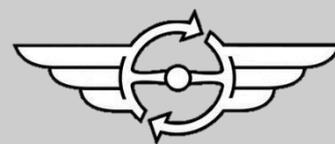
Step 16.

Mount the top cover on the steering column.



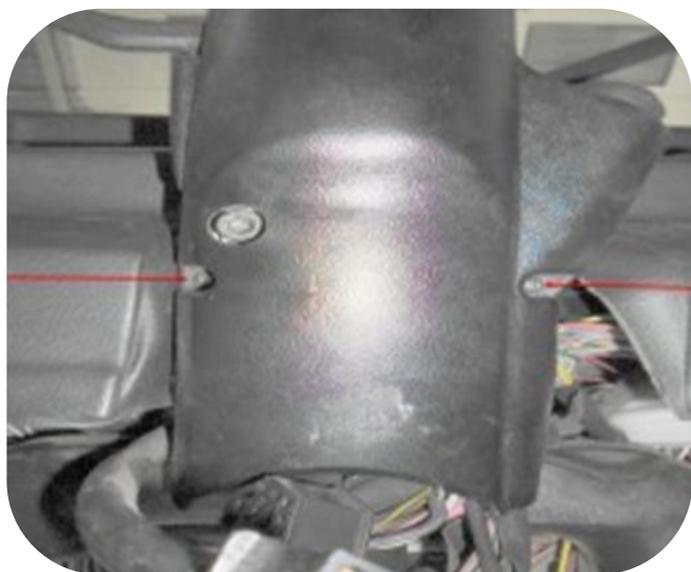
Step 17.

Locate the upper holder on the column and mount the upper connector of the signal switch.



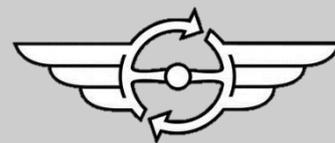
Step 18.

Now fasten the upper two mounting bolts.



Step 19.

Install the remaining plugs of the steering column switch. Tighten the switch and mount the lower cover.



Step 20.

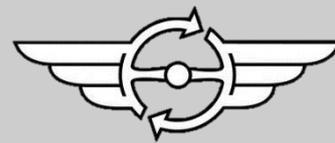
Fit the rubber bush over the input end of the steering column and install the steering wheel.



Step 21.

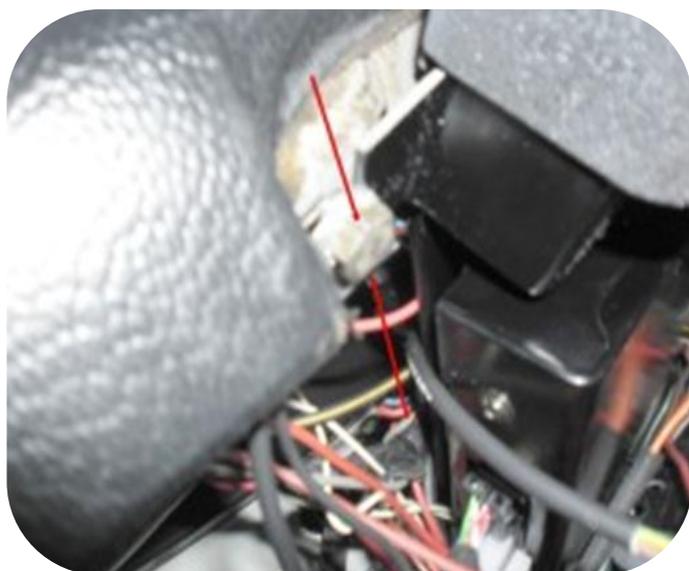
Connect the thick red cable (30+), through the fuse holder, with the battery plus.

This can be pulled through the firewall to the power steering unit.



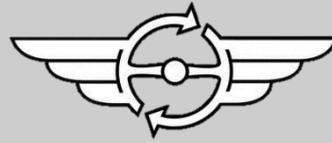
Step 22.

Connect the thin red cable (15+) to a positive lead switched by the ignition.



Step 23.

Connect the black wire (31-) to a suitable earth point.

**Step 24.**

Mount the potentiometer in a good, accessible location. If the optional speed adapter is being used, the potentiometer is not required. The speed adapter can be installed between the speedometer cable.

Step 25.

Find an appropriate location for the ECU (i.e. the center console).

Step 26.

Connect the ground wire back to the battery. After turning on the computer, there should be a 'click' sound. This means the EZ Power Steering System is operational.

Step 27.

Check the steering column switches and take the car for a test drive. Make sure that all other systems are working correctly.