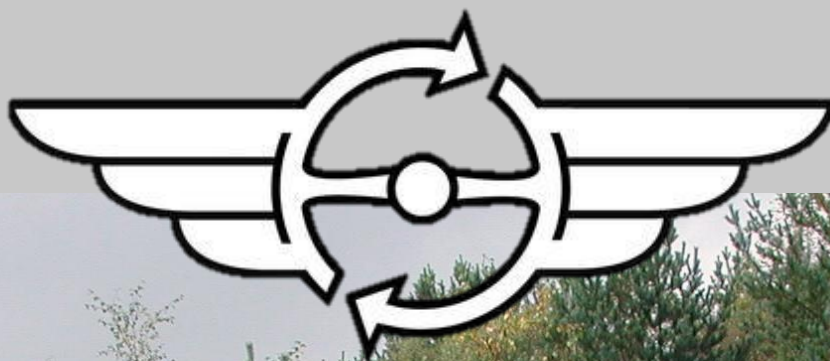
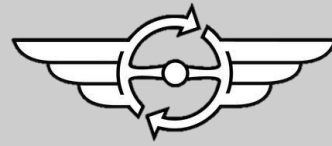


EZ ELECTRIC POWER STEERING

INSTALLATION MANUAL

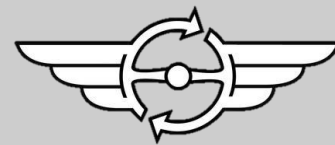
PINZGAUER





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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.

Version C1

Date 4/12/19

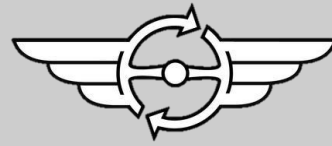
This installation manual must be read very carefully to avoid mistakes.

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.

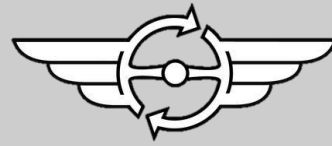
EZ Power Steering cannot be held accountable for a faulty installation or damages to the kit or vehicle.



OVERVIEW OF THE KIT



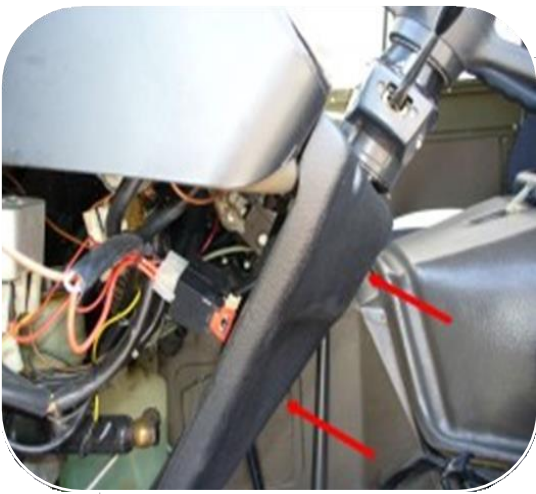
- EZ-PG-1. EZ Electric Power Steering, complete kit
- EZ-PG-2. ECU
- EZ-PG-3. Power wire
- EZ-PG-4. Wiring harness with controller
- EZ-PG-5. EZ-unit mounted on steering column



INSTALLATION

STEP 1

Take a test drive with the car. Make sure the wheel returns into the straight-ahead position. Also make sure that the steering behavior doesn't have any defects. If everything functions correctly, proceed with the conversion.



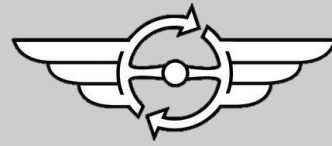
STEP 2

Find an ignition switched plus wire (24V) and mark it. Afterwards, disconnect the battery ground cable and put the steering wheel in the straight ahead position. Mark this position.



STEP 3

Remove the plastic cover from the steering column.



STEP 4

Remove the indicator switch and the steering wheel from the original steering column. Then remove the horn wire through the bottom of the original steering shaft. You will have to connect this to the sliding contact of the EZ-unit in a later step.



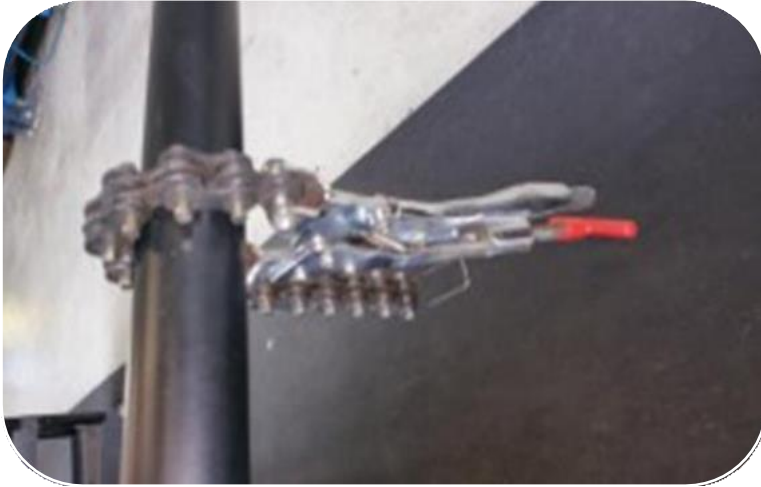
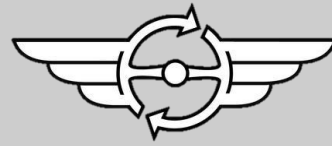
STEP 5

If present, remove the mounting bracket of the steering column. This will no longer be needed.



STEP 6

Remove the screw from the top mounting clamp.



STEP 7

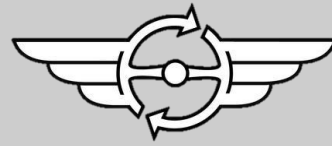
Use the pipe cutter to cut through the original steering tube. Use the EZ-unit to determine the right length.



After this, the original steering shaft can be cut to the right size. Use EZ-unit again to determine this measure.

STEP 8

Before you can fit the output plug in the steering shaft, the plastic tube must be shortened to what is in the steering shaft. This tube can be removed through the lower side of the steering box. Use the EZ output plug to determine a correct length.



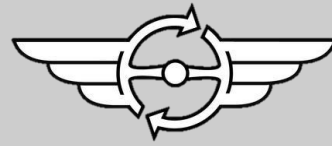
STEP 9

Install the EZ output plug into the original steering shaft. Before welding this, it is recommended to adjust it to the EZ-unit and weld it to this unit.



STEP 10

The original clip needs to be adjusted, using a grinding machine to grind a hole in the clamp so that it gets a firm hold.



STEP 10 B

An example of what it looks like to cut through an original clamp.



STEP 11

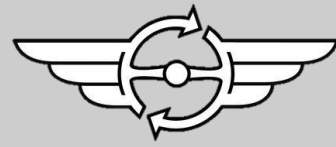
Fit the top mounting clamp on the EZ column and fit the entire column in the car.

STEP 12

Install the steering wheel and indicator switch.

STEP 13

Connect the EZ wiring harness with the EZ ECU.



STEP 14

Connect the thick red wire (30+) from the fuse holder directly to the battery 12V plus (the car is equipped with 24V battery so use one to connect the 12V). Connect the thin red string (15+) with an ignition switch power supply (24V), see point 2.

STEP 15

Connect the thick black wire (31) with a suitable earth point.

STEP 16

Find a suitable location for the potentiometer and install it.

STEP 17

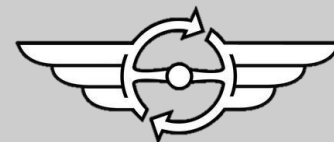
Connect the previously removed horn wire to the wiper on the EZ unit.

STEP 18

Connect the ground cable to the minus of the battery.

STEP 19

After the ignition is switched on, there should be an audible click from the control unit which indicates that the system is operational. Check this by turning on the ignition (don't start the car). The system switches off with a small delay, this is noticeable through the click that you will hear a few seconds after the ignition is switched off.



STEP 20

The original plastic cover cannot be mounted at the original place. The cap requires some adaption to be mounted. It is best to abandon it completely.

STEP 21

Take the car for a test drive and check if everything works properly.